

PROJECT REPORT

On

“TUTORING LIBRARY”

Submitted in partial fulfillment of the requirement for the award

Degree Of

Bachelor of Computer Application

Submitted by

Ishita Maurya (ECC1814007)

Sahil Dwivedi (ECC1814064)



(2019-2020)

Submitted to

Mr. Praneet Kumar Srivastava

**Department of Computers,
Ewing Christian College
Prayagraj-211003**

SELF ATTESTATION

We Ishita Maurya (ECC1814007) and Sahil Dwivedi (ECC1814064) students of Bachelor of Computer Application, Ewing Christian College, Prayagraj hereby declare that this project report entitled “**Tutoring Library**” is a bonafied record of work done by us during the course of Bachelor Of Computer Application.

Place: Prayagraj

Date:

Ishita Maurya (ECC1814007)

Sahil Dwivedi (ECC1814064)

CERTIFICATE

This is to certify that the project entitled “**Tutoring Library**” is a record of project work done by **Ms. Ishita Maurya (ECC1814007)** and **Mr. Sahil Dwivedi (ECC1814064)**, in the partial fulfillment of the requirement for the degree of **Bachelor Of Computer Application** from Ewing Christian College, Prayagraj.

Project Advisor

Evaluation

Signature

Mr. Praneet Kumar Srivastava

Satisfactory/Unsatisfactory

ACKNOWLEDGEMENT

We owe a great many thanks to a great many people who helped and supported on during the completion of our project. Our deepest thanks to **‘Mr. Praneet Kumar Srivastava’** the guide of the project for guiding and correcting various documents of our project with attention and care. They gone through the project and makes necessary correction as and when needed. Thanks and appreciation to the helpful people for their support. We would also thank our college and our faculty members without whom this project would have been a distant reality. We also extend our heartfelt thanks to our family and well-wishers. At last, but not the least, we would like to thanks to all those who helped us directly or indirectly in completion of this project work.

Place: Prayagraj

Date:

Ishita Maurya
(ECC1814007)

Sahil Dwivedi
(ECC1814064)

ABSTRACT

This project describes the entire action undertaken to lay the foundation of the software “**Tutoring Library**”. The software has been developed keeping in mind all the basic concepts and practices of project management. Some of these apply to project initiation phase where as others are applicable throughout the project duration. We have developed this software using java language.

During this project we enhanced our computer knowledge as we developed an entire prototype from scratch, through constant analysis and designing at each phase.

We would like to thank all those people who gave me the possibility to complete this project. Finally we hope that every individual will find this project useful, encouraging others to do a bigger project like these in coming years.

TABLE OF CONTENTS

Self-Attestation	I
Certification	II
Acknowledgement	III
Abstract	IV
1) Introduction	1
2) Objective of the System	2
3) Proposed System	3-4
4) Data Flow Diagram	5-10
4.1) Level 0 Data Flow Diagram	
4.2) Level 1 Data Flow Diagram	
5) Entity Relationship Diagram	11-13
6) Flow Chart	14-15
7) System Analysis	16-19
7.1) System Requirement Specification	
7.1.1) Hardware Requirement	
7.1.2) Software Requirement	
7.1.3) Technology Used	
8) Security Implementation	20
9) Conclusion	21
10) Future Scope	22
11) Appendix	23-67
11.1) Coding	
11.2) Output Screen	
12) Reference	68

INTRODUCTION

INTRODUCTION

Tutoring Library software allows the admin to add or view or remove User (Teachers and Students) as well as performs all functionalities of User and also has the logout option. User can view courses, view notes, view exam question papers and logout.

Any IDE software can be used for the development of the project. You can choose between software such as Net beans, Eclipse etc. For maintaining the database for the project, Oracel Database is used. The front end tool of the project is the JAVA Swing and the back end of the project as just discussed is Oracel Database software. The user interface is kept as professional as possible with the minimalist approach.

The opening window will have 2 sections: Admin login and the User login. After login in at their respective sections, they can perform their specific tasks. You can run the project after you have imported the sql files so that tables are created Oracle Database. You can import the project on the eclipse IDE and then run the project.

OBJECTIVE OF **THE SYSTEM**

OBJECTIVE OF THE SYSTEM

The project aims and objectives that will be achieved after completion of this project are as follows:

- 1) Runs offline without using any online approach.
- 2) Gives a clear direction to user (teacher and student) by providing complete and systematic study materials.
- 3) User login window where user can read notes offline.
- 4) Syllabus and previous year question papers are also provided to guide a student in the study point of view.
- 5) An admin login window where admin can add, remove or view any of the user information.
- 6) The system is developed to cope up with the current issues and problems of distributing digital notes (pdf notes).
- 7) After computerized system is implemented less human force will be required to maintain the notes thus reducing the overall cost.
- 8) User is able to search record by using few clicks of mouse thus saving his valuable time.

PROPOSED

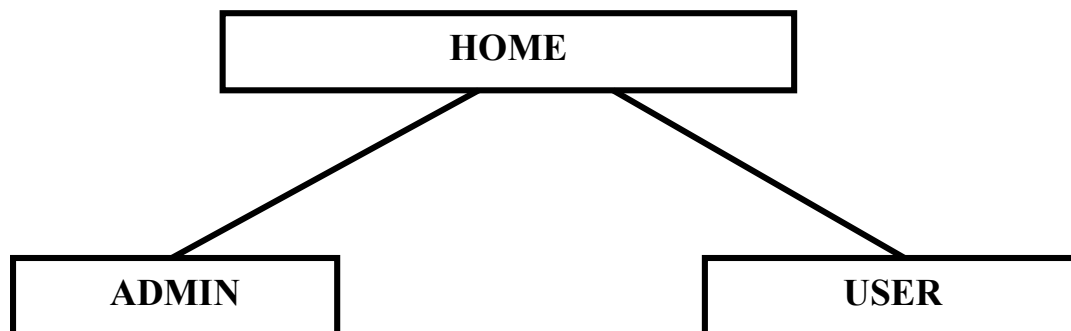
SYSTEM

PROPOSED SYSTEM

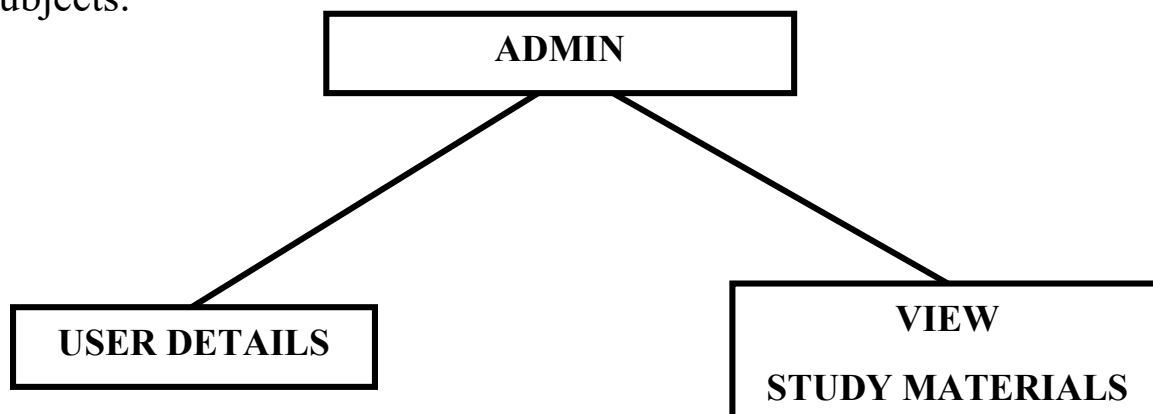
The proposed Tutoring Library is highly automated and thus, less efforts are required for managing the database of the users using this software. Work will be more accurate and managing will be of easy task as compared to the work done manually. Time can be saved and don't need any special maintenance. Information once stored can be deleted as well as viewed by the admin. It is very useful for daily learning and to achieve short/long term academics goal.

Modules of the system are:-

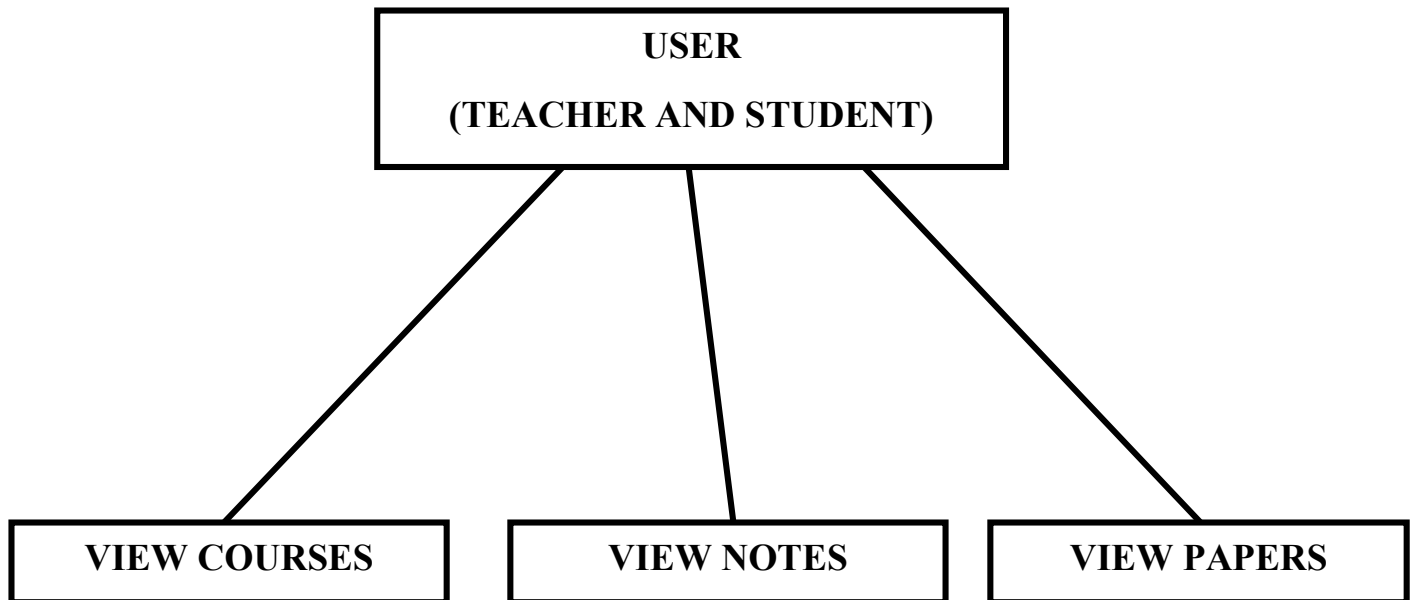
Home Module- This module enables admin and users (teacher and student) to get logged in or sign up if he/she is not registered.



Admin Module- Admin module is capable of doing all the required functionalities such as add, remove, view users details and also view courses, notes and previous year question papers of all the given subjects.



User Module- User (teacher and student) is only capable to their view study materials like- courses, notes and previous year question papers of all the given subjects.



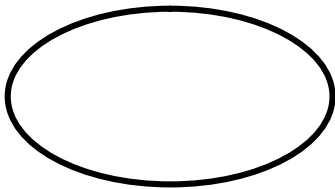
DATA FLOW

DIAGRAM

DATA FLOW DIAGRAM

A Data Flow Diagram (DFD) is a structured analysis and design tool that can be used for flowcharting. A DFD is a network that describes the flow of data and the processes that change or transform the data throughout a system. This network is connected by using a set of symbols that do not imply any physical implementation. It has the purpose of clarifying system requirements and identifying major transactions. So it is the starting point of the design phase that functionally decomposes the requirements specifications down to the lowest level of detail. DFD can be considered to an abstraction of the logic of an information-oriented or a process-oriented system flow-chart. For these reasons DFD's are often referred to as logical data flow diagram.

Symbols Used



Process



External Entity



Data Flow



Data Store

PROCESS

A process shows a transformation or manipulation of data flow within the system. The symbol used is an oval shape.

External Entity

An external entity is a source or destination of a data flow. Only those entities which originate or receive data are represented on a data flow diagram. The symbol used is a rectangular box.

Data Flow

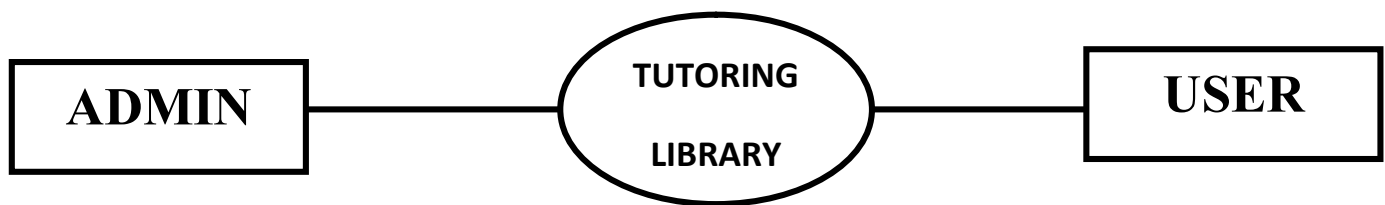
The data flow shows the flow of information from a source to its destination. Data flow is represented by a line, with arrowheads showing the direction of flow. Information always flows to or from a process and may be written, verbal or electronic. Each data flow may be referenced by the processes or data stores at its head and tail, or by a description of its contents.

Data Store

A data store is a holding place for information within the system: It is represented by an open ended narrow rectangle. Data stores may be long-term files such as ledgers, or may be short-term accumulations: for example batches of documents that are waiting to be processed. Each data store should be given a reference followed by an arbitrary number.

Level 0 Data Flow Diagram

DFD Level 0 is also called a Context Diagram. It's a basic overview of the whole system or process being analyzed or modeled. It's designed to be an at-a-glance view, showing the system as a single high-level process, with its relationship to external entities. It should be easily understood by a wide audience, including stakeholders, business analysts, data analysts and developers.

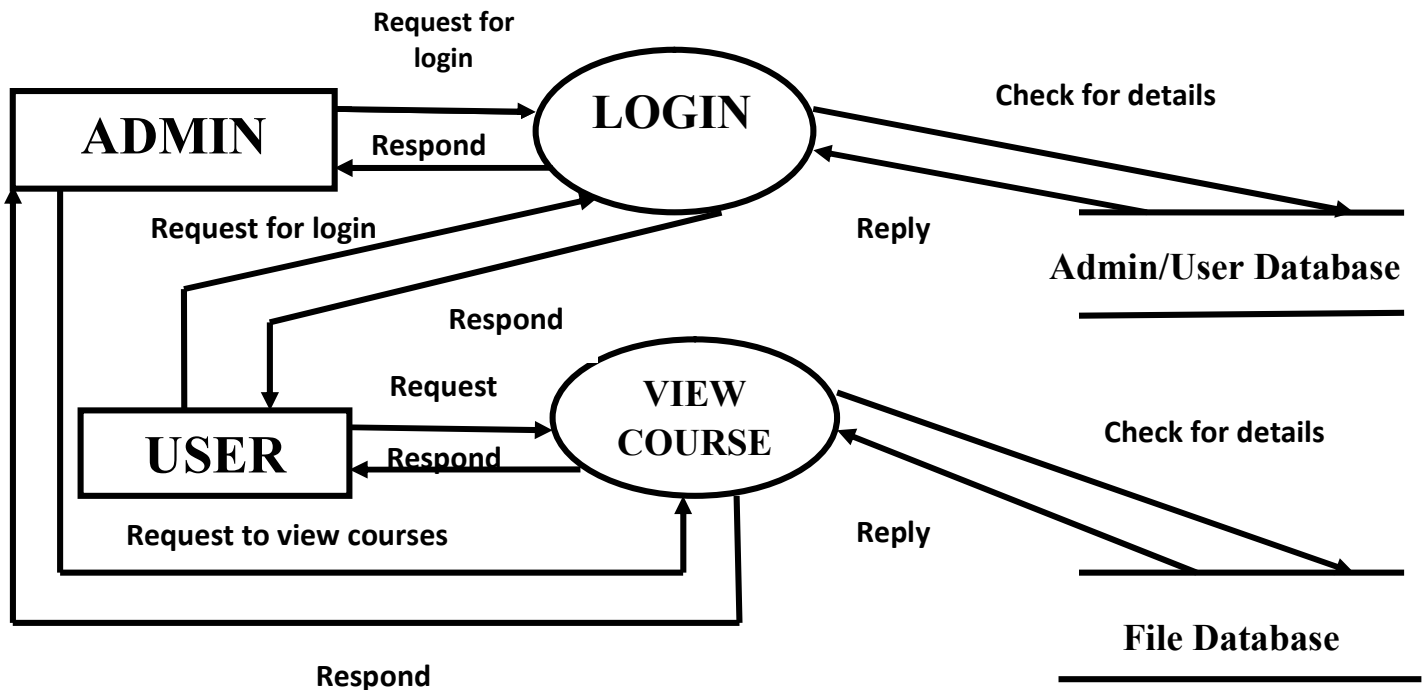


Context Level DFD

Level 0 Data Flow Diagram of Tutoring Library shows two external entities namely Admin and User (Teacher and Student). These external entities access only a single process.

Level 1 Data Flow Diagram

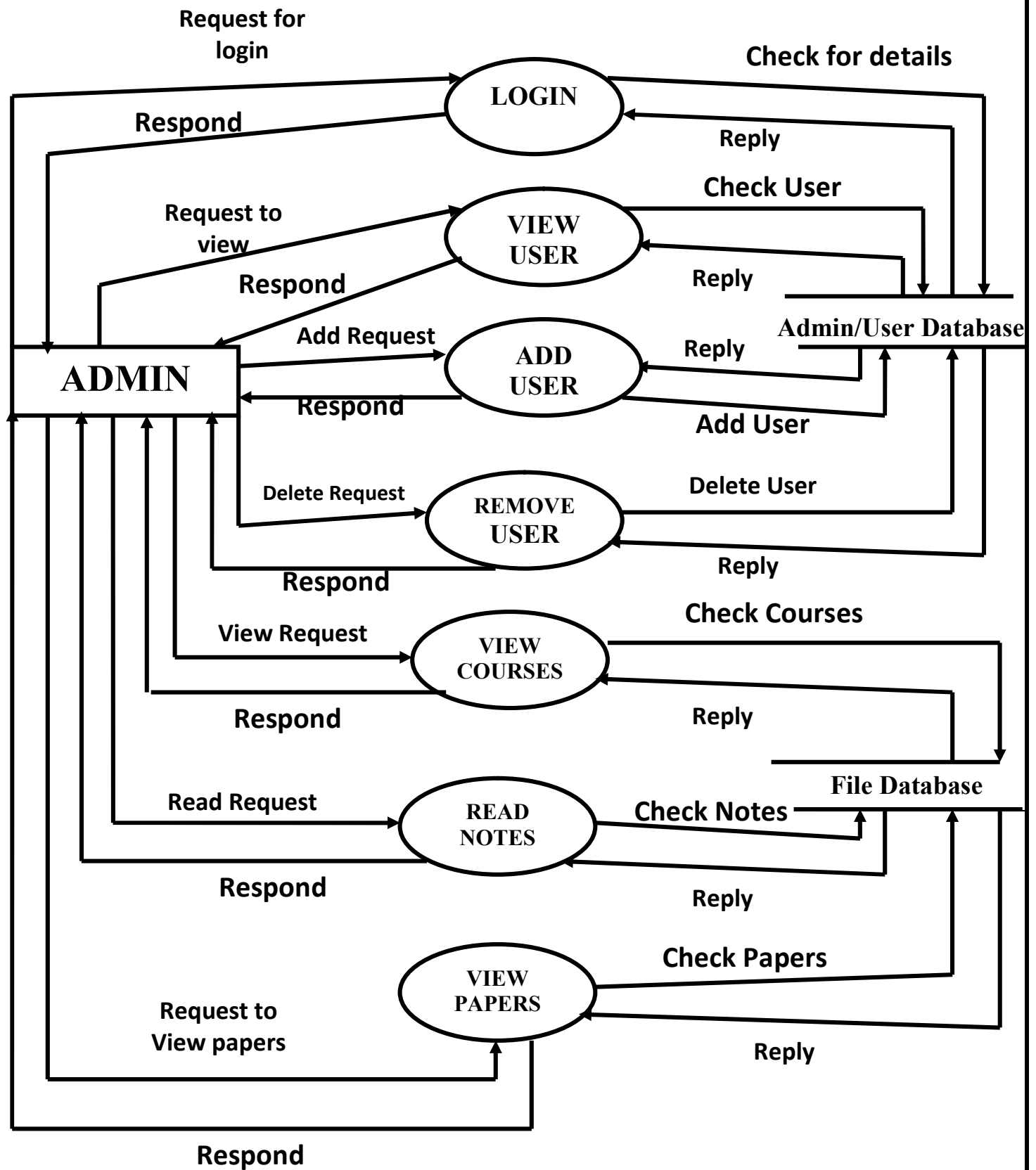
DFD Level 1 provides a more detailed breakout of pieces of the Context Level Diagram. You will highlight the main functions carried out by the system, as you break down the high-level process of the Context Diagram into its sub processes.



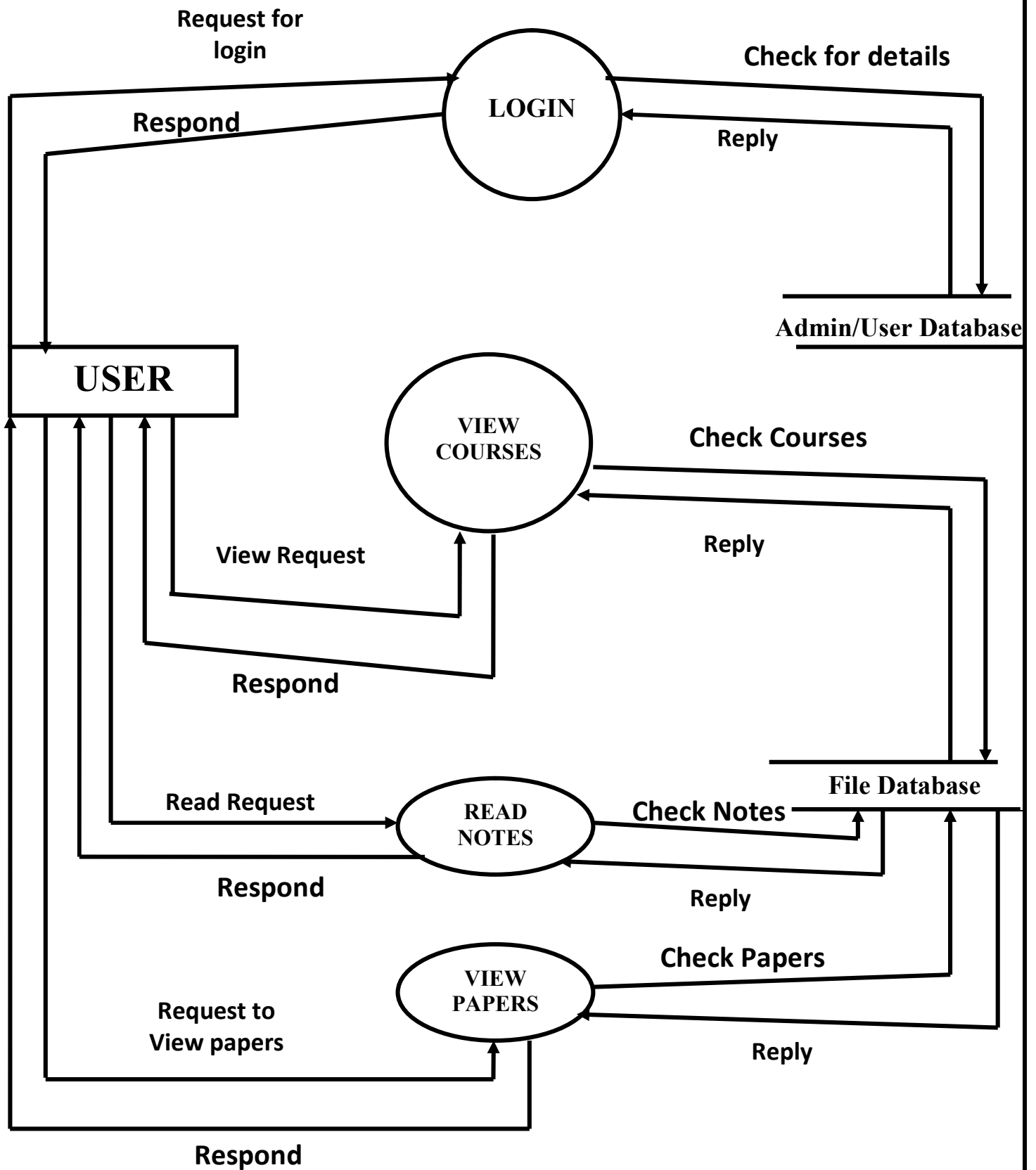
Level 1 DFD

In Level 1 Data Flow Diagram Admin or User (teacher and student) request for login and also view a course which is fetched from Admin/User Database and File Database.

Level 1 DFD for Admin



Level 1 DFD for User



Entity Relationship **Diagram**

ENTITY RELATIONSHIP DIAGRAM

An entity relationship diagram (ERD) shows the relationship of entity sets stored in a database. An entity in this context is an object, a component of data. An entity set is a collection of similar entities. These entities can have attributes that define its properties.

By defining the entities, their attributes, and showing the relationships between them, an ER diagram illustrates the logical structure of databases.

ER diagram are used to sketch out the design of a database.

Entity

An ERD entity is a definable thing or concept within a system, such as a person/role (e.g. Student), object (e.g. Invoice), concept (e.g. Profile) or event (e.g. Transaction). In ER models, an entity is represented as a rectangle. A weak entity is an entity that must be defined by a foreign key relationship with another entity as it cannot be uniquely identified by its own attributes alone.

Entity Attributes

An attribute is a property or characteristic of the entity that holds it. An attribute has a name that describes the property and a type that describes the kind of attribute it is, such as varchar for a string, and int for integer. When an ERD is drawn for physical database development, it is important to ensure the use of types that are supported by the target RDBMS. They are represented by ovals.

Relationship

A relationship between two entities signifies that the two entities are associated with each other somehow. They are represented by shapes

and show how two entities share information in the database.

Primary Key

A primary key is a special kind of entity attribute that uniquely defines a record in a database table. In other words, there must not be two (or more) records that share the same value for the primary key attribute.

Foreign Key

A foreign key is a reference to a primary key in table. It is used to identify the relationships between entities. Note that foreign keys need not to be unique. Multiple records can share the same values.

Cardinality

Cardinality defines the possible number of occurrence in one entity which is associated to the number of occurrences in another.

The three common cardinal relationships are:

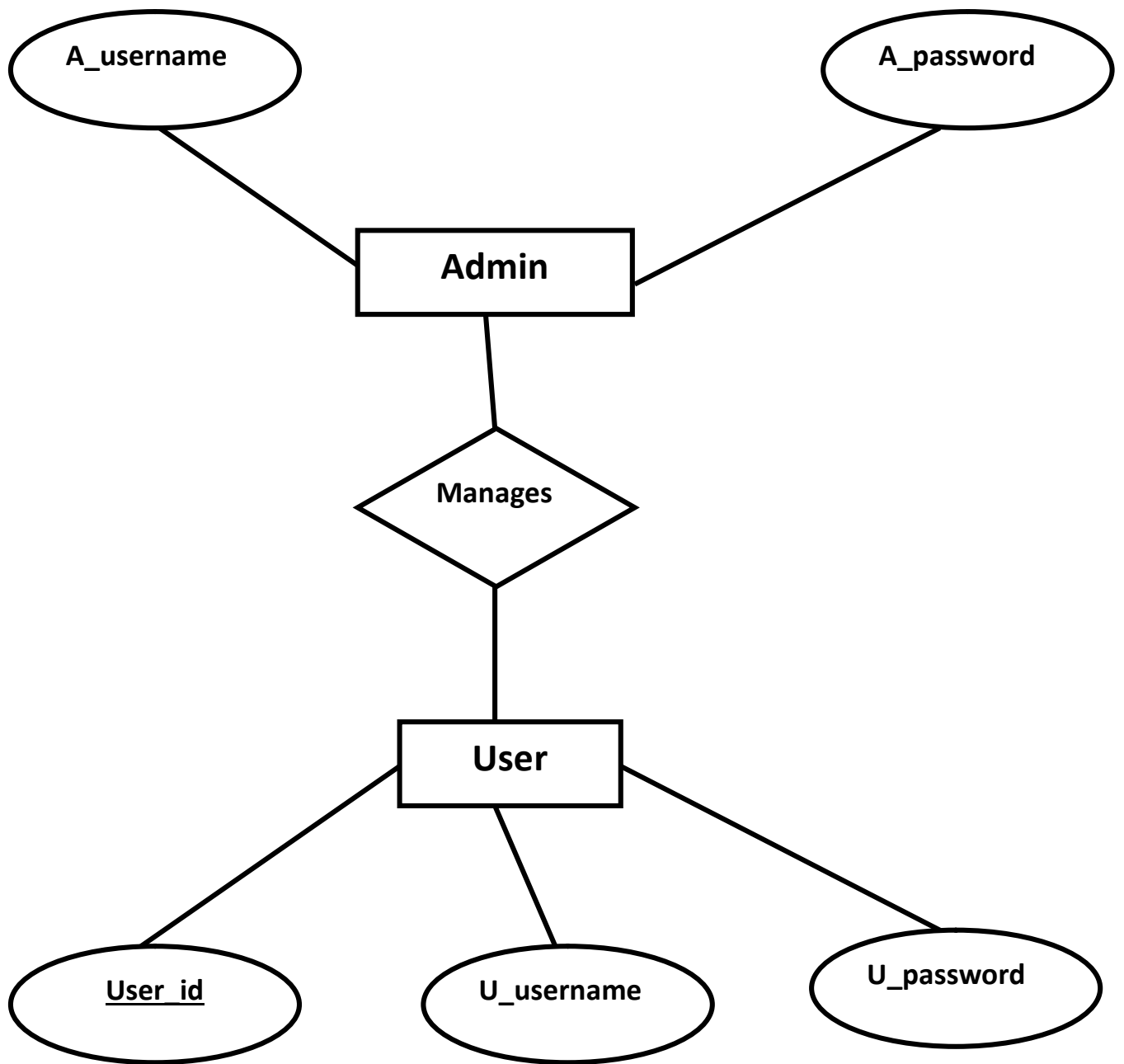
1. One-To-One
2. One-To-Many
3. Many-To-Many

Field	Datatype	Constraints
A_username	Varchar2(25)	Not Null
A_password	Varchar2(20)	Not Null

Admin Table

Field	Datatype	Constraints
User_id	Integer(10)	Primary Key
U_username	Varchar2(25)	Not Null
U_password	Varchar2(25)	Not Null

User Table



E-R Diagram

Entity Relationship Diagram shows two entities namely admin and user having attributes of their id, username and password. And also develops a logical association between them where admin manages user (teacher and student).

FLOW CHART

FLOW CHART

A **flowchart** is a type of diagram that represents an algorithm, workflow or process. Flowchart can also be defined as a diagrammatic representation of an algorithm (step by step approach to solve a task).

The flowchart shows the steps as boxes of various kinds, and their order by connecting the boxes with arrows. This diagrammatic representation illustrates a solution model to a given problem. Flowcharts are used in analyzing, designing, documenting or managing a process or process or program in various fields.

Different flow chart symbols have different meanings. The most common flow chart symbols are:

Terminator: An oval flow chart shape indicating the start or end of the process.

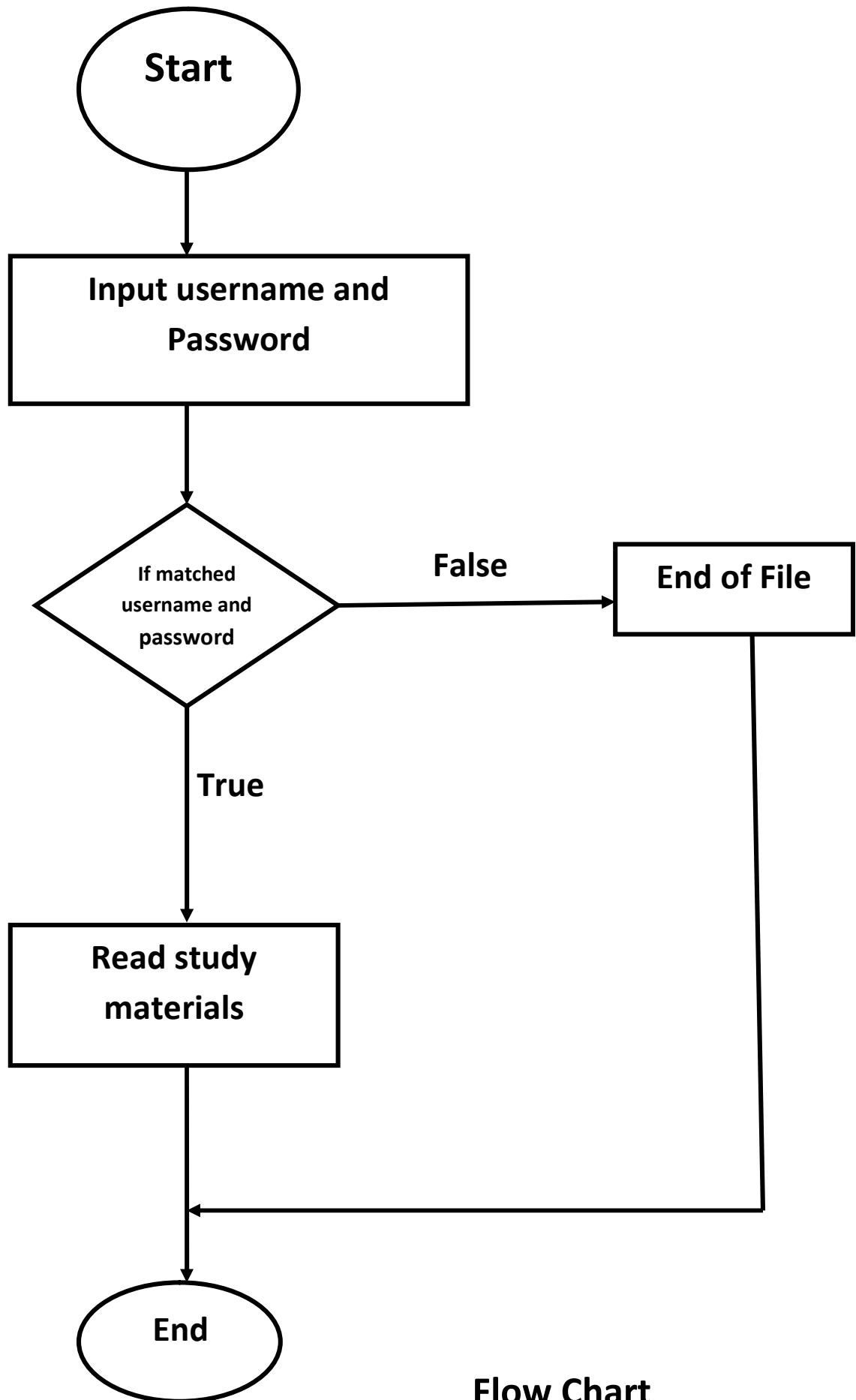
Process: A rectangular flow chart shape indicating a normal process flow step.

Decision: A Diamond flow chart shape indicating a branch in the process flow.

Connector: A small, labeled, circular flow chart shape used to indicate a jump in the process flow.

Data: A parallelogram that indicates data input or output (I/O) for a process.

Document: Used to indicate a document or report.



Flow Chart

SYSTEM

ANALYSIS

SYSTEM ANALYSIS

System analysis is the process of gathering and interpreting facts, diagnosing problems and using the information to recommend improvements on the system. System analysis is a problem solving activity that requires intensive communication between the system users and system developers.

System analysis is an important phase of any system development process. The system viewed as a whole, the inputs are identified and the system is subjected to close study to identify the problem areas. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

SYSTEM REQUIREMENT SPECIFICATION

General Description

- a) Product Description-** Tutoring Library is a computerized system which helps user (teachers and students) to manage or read study materials activity in electronic format. It reduces the risk of paper work such as file lost, file damaged and time consuming.
- b) Problem Description-** When a computerized system is not there notes is always lost due to some accident like spilling of water by some member on file accidentally. Besides some natural disaster like floods or fires may also damage the files.
When there is no computerized system there is always a difficulty in searching of notes, syllabus and previous year papers.

System Requirements

a) Non-Functional Requirements

- i. **Efficiency Requirements-** When a library management system will be implemented librarian and user will easily get study materials.
- ii. **Reliability Requirements-** The system should provide a reliable environment to both users and administration. All orders should be reaching at the admin without any error.
- iii. **Usability Requirements-** The portal is designed for user friendly environment and ease of use.
- iv. **Implementation Requirements-** In implementing whole system it uses java Swing as a front end and the back end of the project as just discussed is Oracle Database software.

b) Functional Requirements: some of the Functional Requirements are as follows:-

- i. User id is provided when they register.
- ii. The system must only allow user with valid id, username and password to enter the system.
- iii. The system performs authorization process which decides what user level can access to.
- iv. The user must be able to logout after they finished using system.

SOFTWARE REQUIREMENTS

Name of Components	Specification
Language	Java
database	Oracle
Software Development kit	Jdk, notepad++

HARDWARE REQUIREMENTS

Name of Components	Specification
Processor	Intel Pentium IV (or equivalent)
RAM	2GB
Hard Disk	Minimum 4GB

TECHNOLOGY USED

Front end- The front end is designed by using java.

a) Java

- Java has been one of the most popular programming languages for many years. Java is Object Oriented. However it is not considered as pure object oriented as it provides support for primitive data types (like int, char, etc). The Java codes are first compiled into byte code (machine independent code). Then the byte code is run on **Java Virtual Machine (JVM)** regardless of the underlying architecture.

- Java syntax is similar to C/C++. But Java does not provide low level programming functionalities like pointers. Also, Java codes are always written in the form of classes and objects. Java is used in all kind of applications.
- When compared with C++, Java codes are generally more maintainable because Java does not allow many things which may lead bad/inefficient programming if used incorrectly. For example, non-primitives are always references in Java. So we cannot pass large objects (like we can do in C++) to functions, we always pass references in Java. One more example, since there are no pointers, bad memory access is also not possible.

Back end- The back end is designed using mysql which is used to design the databases.

b) MySQL

- MySQL is the most popular Open Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. This tutorial will give you a quick start to MySQL and make you comfortable with MySQL programming.
- MySQL has become the leading database choice for web-based applications, used by high profile web properties including Facebook, Twitter, YouTube, Yahoo! and many more.

SECURITY

IMPLEMENTATION

SECURITY IMPLEMENTATION

Tutoring Library is secured by the password. The user need to create a user id, username and password for themselves and this information is stored in the database. Password is secured in the JPasswordField which allows the editing of a single line of text where the view indicates something was typed, but does not show the original characters.

Also, the administrator need to login to the control panel in the admin module by the password register in their username.

In this way, the Tutoring Library remains secured as only registered personnel uses the software.

CONCLUSION

CONCLUSION

This software provides a computerized version of study materials which will benefit the students as well as teachers in schools and colleges.

We conclude that implementation of this java project has been satisfactory performed the task of educating students offline. Using this software student can experience offline learning effectively. Being offline there is a advantage to monitor student in schools and colleges that means there is a lot of distractions students faced by using any online system.

It also has a facility for user (student and teacher) login where user can login and can view notes as well as previous year question papers or syllabus.

FUTURE SCOPE

FUTURE SCOPE

There is a future scope that it will be converted into website and add many more features such as online lectures video tutorials can be added by teachers as well as online assignments submission facility, a feature Of group chat where students can discuss various doubts can be added to this project thus making it more interactive more user friendly and project which fulfills each users need in the best way possible.

APPENDIX

CODING

HOME FRAME

```
import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

public class Tul implements ActionListener

{JFrame fr;JLabel l1,img;JButton b1,b3;JPanel pa;Font fo;Icon ic;

public Tul()

{ic=new ImageIcon("tul.png");img=new JLabel(ic);fo=new Font("Times New
Roman",Font.BOLD,18);fr=new JFrame("BCA_TUTORIAL");

fr.setSize(700,450);fr.setResizable(false);pa=new
JPanel();pa.setLayout(null);fr.add(pa);l1=new JLabel("***HOME***");

b1=new JButton("ADMIN LOGIN");

b3=new JButton("USER LOGIN");img.setBounds(340,50,300,300);

l1.setBounds(150,50,200,70);b1.setBounds(100,150,200,40);b3.setBounds(100,27
0,200,40);l1.setFont(fo);b1.setFont(fo);b3.setFont(fo);pa.add(l1);pa.add(b1);pa.add
(b3);pa.add(img);fr.setDefaultCloseOperation(3);fr.setVisible(true);

b1.addActionListener(this);b3.addActionListener(this);

}public void actionPerformed(ActionEvent evt)

{if(evt.getSource()==b1){Alogin yes=new Alogin();fr.dispose();}

    if(evt.getSource()==b3)

        {Stulogin yes2=new Stulogin();fr.dispose(); }}

public static void main(String ...k)

{new Tul();}

}
```

ADMIN LOGIN FRAME

```
import java.awt.*;

import java.sql.*;

import javax.swing.border.*;

import javax.swing.*;

import java.awt.event.*;

public class Alogin implements ActionListener,MouseListener,FocusListener

{JFrame fr;JLabel l1,l2,ml1,ml2;JPanel pa;JTextField t1;JPasswordField t2;

    JButton b1,b2,b3;Border b;Icon showw,hide;char ch;Font fo;Connection
con;public Alogin()

    {fo = new Font("Times New Roman",Font.BOLD,16);showw=new
ImageIcon("showw.png");hide=new
ImageIcon("hide.png");b=BorderFactory.createEmptyBorder();fr=new
JFrame("Admin_Login");fr.setSize(580,350);pa=new
JPanel();fr.add(pa);pa.setLayout(null);l1=new JLabel("Username");

        l2=new JLabel("Password");t1=new JTextField(); t2=new
JPasswordField(15);ch=t2.getEchoChar();b1=new JButton("Back"); b2=new
JButton("Submit");b3=new JButton();b3.setIcon(hide);ml1=new JLabel("");

        ml2=new
JLabel("");ml1.setForeground(Color.red);ml2.setForeground(Color.red);l1.setBoun
ds(60,50,120,40);t1.setBounds(180,50,200,40);ml1.setBounds(390,50,200,30);

l2.setBounds(60,120,120,40);t2.setBounds(180,120,160,40);b3.setBounds(340,120
,40,40);ml2.setBounds(390,120,200,30);b1.setBounds(30,240,100,40);b2.setBound
s(400,240,100,40);b3.setBorder(b);t2.setBorder(b);t1.setBorder(b);

    b3.setBackground(Color.white);

    l1.setFont(fo);l2.setFont(fo);ml1.setFont(fo);ml2.setFont(fo);
```

```

t1.setFont(fo);t2.setFont(fo); pa.add(l1);pa.add(l2);

pa.add(t1);pa.add(t2);pa.add(ml1);pa.add(ml2);pa.add(b1);pa.add(b2);pa.add(b3);

t1.addFocusListener(this);t2.addFocusListener(this);b1.addActionListener(this);

b2.addActionListener(this);b3.addMouseListener(this);fr.setDefaultCloseOperation
n(3);fr.setVisible(true);}public void focusGained(FocusEvent evt1)

{if(evt1.getSource()==t1){ml1.setText("");}if(evt1.getSource()==t2){ml2.setText(
"");}}public void focusLost(FocusEvent evt1){ (evt1.getSource()==t1){

if(t1.getText().equals("")){ml1.setText("please fill the Username");}}

if(evt1.getSource()==t2){if(t2.getPassword().toString().equals(""))

{ml2.setText("please fill the password");}}}

public void mousePressed(MouseEvent evt2){b3.setIcon(showw);

t2.setEchoChar((char)0);}public void mouseReleased(MouseEvent evt2){

b3.setIcon(hide);t2.setEchoChar(ch );}public void mouseEntered(MouseEvent

evt2){}public void mouseExited(MouseEvent evt2){}

public void mouseClicked(MouseEvent evt2){}

public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){Tul

tl=new Tul();fr.dispose();}if(evt.getSource()==b2){try{

Class.forName("oracle.jdbc.driver.OracleDriver");con=DriverManager.getConnection(
"jdbc:oracle:thin:@localhost:1521/XE","system","1324");Statement

stmt=con.createStatement();

String sql="select * from admin3 where a3_username='"+t1.getText()+"' and

a3_password='"+t2.getPassword().toString()+"'";

ResultSet rs=stmt.executeQuery(sql);if(rs.next()){

JOptionPane.showMessageDialog(null,"Login Sucessfully...");Admf t10=new

Admf();fr.dispose();}else{JOptionPane.showMessageDialog(null,"Incorrect

username and password....");con.close();}}catch(Exception e){System.out.print(e);

```

```
}} } public static void main(String[] args){new Alogin();}}
```

USER LOGIN FRAME

```
import java.awt.*;
import javax.swing.border.*;
import javax.swing.*;
import java.sql.*;
import java.awt.event.*;

public class Stulogin implements ActionListener,MouseListener,FocusListener
{
    JFrame fr;JLabel l1,l2,ml1,ml2;JPanel pa;JTextField t1;JPasswordField t2;
    JButton b1,b2,b3;Border b;Icon showw,hide;char ch;Font fo;Connection con;

    public Stulogin(){fo = new Font("Times New Roman",Font.BOLD,16);
    showw=new ImageIcon("showw.png");hide=new ImageIcon("hide.png");
    b=BorderFactory.createEmptyBorder();fr=new JFrame("USER_Login");
    fr.setSize(580,350);pa=new JPanel();fr.add(pa);pa.setLayout(null);
    l1=new JLabel("Username");l2=new JLabel("Password");
    t1=new JTextField();t2=new JPasswordField(15);ch=t2.getEchoChar();
    b1=new JButton("Back");b2=new JButton("Submit");b3=new JButton();
    b3.setIcon(hide);ml1=new JLabel("");ml2=new JLabel("");

    ml1.setForeground(Color.red);ml2.setForeground(Color.red);l1.setBounds(60,50,1
    20,40);t1.setBounds(180,50,200,40);ml1.setBounds(390,50,200,30);l2.setBounds(
    60,120,120,40);t2.setBounds(180,120,160,40);b3.setBounds(340,120,40,40);ml2.s
    etBounds(390,120,200,30);b1.setBounds(30,240,100,40);b2.setBounds(400,240,10
    0,40);b3.setBorder(b);t2.setBorder(b);t1.setBorder(b);b3.setBackground(Color.whi
    te);l1.setFont(fo);l2.setFont(fo);ml1.setFont(fo);ml2.setFont(fo);
```

```

t1.setFont(fo);t2.setFont(fo);pa.add(l1);pa.add(l2);pa.add(t1);pa.add(t2);pa.add(ml
1);pa.add(ml2);pa.add(b1);pa.add(b2);pa.add(b3);t1.addFocusListener(this);t2.add
FocusListener(this);b1.addActionListener(this);b2.addActionListener(this);b3.add
MouseListener(this);fr.setDefaultCloseOperation(3);fr.setVisible(true);}public
void focusGained(FocusEvent evt1){if(evt1.getSource()==t1){ml1.setText("");}

if(evt1.getSource()==t2){ml2.setText("");}}public void focusLost(FocusEvent
evt1){if(evt1.getSource()==t1){if(t1.getText().equals("")){ml1.setText("please fill
the Username");}}if(evt1.getSource()==t2){if(t2.getText().equals("")){

ml2.setText("please fill the password");}}}public void mousePressed(MouseEvent
evt2){b3.setIcon(showw);t2.setEchoChar((char)0);}

public void mouseReleased(MouseEvent evt2){b3.setIcon(hide);t2.setEchoChar(ch
);}public void mouseEntered(MouseEvent evt2){}

public void mouseExited(MouseEvent evt2){}

public void mouseClicked(MouseEvent evt2){}

public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){

Tul tl=new Tul(); fr.dispose();}if(evt.getSource()==b2){try{

Class.forName("oracle.jdbc.driver.OracleDriver");con=DriverManager.getConnection
("jdbc:oracle:thin:@localhost:1521/XE","system","1324");Statement
stmt=con.createStatement();

String sql="Select * from user1 where u_username='"+t1.getText()+"' and
u_password='"+t2.getPassword().toString()+"'";

ResultSet rs=stmt.executeQuery(sql);if(rs.next()){

JOptionPane.showMessageDialog(null,"Login Sucessfully....");Stf qg=new Stf();

fr.dispose();}else{JOptionPane.showMessageDialog(null,"Incorrect username and
password....");con.close();}}catch(Exception e){System.out.print(e);} }}

public static void main(String ...k){new Stulogin();}}

```

ADD USER FRAME

```
import java.awt.*;

import javax.swing.border.*;

import javax.swing.*;

import java.sql.*;

import java.awt.event.*;

public class Aadds implements ActionListener,MouseListener,FocusListener

{JFrame fr;JLabel l1,l2,ml1,ml2,l3,ml3;JPanel pa;JTextField t1,t3;JPasswordField
t2;JButton b1,b2,b3;Border b;Icon showw,hide;char ch;Font fo;Connection
con;public Aadds(){fo = new Font("Times New Roman",Font.BOLD,16);

showw=new ImageIcon("showw.png");hide=new ImageIcon("hide.png");

b=BorderFactory.createEmptyBorder();fr=new JFrame("Add_User");

fr.setSize(580,430);pa=new JPanel();fr.add(pa);pa.setLayout(null);

l1=new JLabel("Username");l2=new JLabel("Password");l3=new JLabel("User
Id");t1=new JTextField();t3=new JTextField();t2=new JPasswordField(15);

ch=t2.getEchoChar();b1=new JButton("Back");b2=new JButton("Submit");

b3=new JButton();b3.setIcon(hide);ml1=new JLabel("");ml2=new JLabel("");

ml3=new JLabel("");ml1.setForeground(Color.red);ml2.setForeground(Color.red);

ml3.setForeground(Color.red);l3.setBounds(60,50,120,40);t3.setBounds(180,50,200,40);ml3.setBounds(390,50,200,30);l1.setBounds(60,120,120,40);t1.setBounds(180,120,200,40);ml1.setBounds(390,120,200,30);l2.setBounds(60,190,120,40);t2.setBounds(180,190,160,40);b3.setBounds(340,190,40,40);ml2.setBounds(390,190,200,30);b1.setBounds(30,300,100,40);b2.setBounds(400,300,100,40);b3.setBorder(b);t2.setBorder(b);t1.setBorder(b);t3.setBorder(b);b3.setBackground(Color.white);l1.setFont(fo);l2.setFont(fo);ml1.setFont(fo);ml2.setFont(fo);t1.setFont(fo);t2.setFont(fo);l3.setFont(fo);ml3.setFont(fo);t3.setFont(fo);
```

```

pa.add(l1);pa.add(l2);pa.add(l3);pa.add(ml3);pa.add(t3);pa.add(t1);pa.add(t2);pa.add(ml1);pa.add(ml2);pa.add(b1);pa.add(b2);pa.add(b3);t1.addFocusListener(this);t2.addFocusListener(this);t3.addFocusListener(this);b1.addActionListener(this);b2.addActionListener(this);b3.addMouseListener(this);fr.setDefaultCloseOperation(3);fr.setVisible(true);}public void focusGained(FocusEvent evt1){

if(evt1.getSource()==t1){ml1.setText("");}if(evt1.getSource()==t2){ml2.setText("");}if(evt1.getSource()==t3){ ml3.setText("");}}public void focusLost(FocusEvent evt1){if(evt1.getSource()==t1){if(t1.getText().equals("")){ml1.setText("please fill the Username");}}if(evt1.getSource()==t2){if(t2.getText().equals("")){ml2.setText("please fill the password");}}if(evt1.getSource()==t3){if(t3.getText().equals("")){ml3.setText("please fill the User Id");}}}

public void mousePressed(MouseEvent evt2){b3.setIcon(showw);

t2.setEchoChar((char)0);}public void mouseReleased(MouseEvent evt2){

b3.setIcon(hide);t2.setEchoChar(ch );}public void mouseEntered(MouseEvent evt2){}public void mouseExited(MouseEvent evt2){}

public void mouseClicked(MouseEvent evt2){}

public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){Admf t10=new Admf();fr.dispose();}if(evt.getSource()==b2){try{

Class.forName("oracle.jdbc.driver.OracleDriver");con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521/XE","system","1324");PreparedStatement stmt=con.prepareStatement("insert into user1(u_id,u4_username,u_password) values(?,?,?);");stmt.setString(1,t3.getText());stmt.setString(2,t1.getText());

stmt.setString(3,t2.getPassword().toString());int x=stmt.executeUpdate();if(x>0){

JOptionPane.showMessageDialog(null,"Record Added Sucessfully....");}else{

JOptionPane.showMessageDialog(null,"Failed....");con.close();}}catch(Exception e){System.out.print(e);} }}public static void main(String ...k)new Aadds();}

```

REMOVE USER FRAME

```
import java.awt.*;

import javax.swing.border.*;

import javax.swing.*;

import java.sql.*;

import java.awt.event.*;

public class Arms implements ActionListener,MouseListener,FocusListener

{JFrame fr;JLabel l1,l2,ml1,ml2,l3,ml3;JPanel pa;JTextField t1,t3;JPasswordField
t2;JButton b1,b2,b3;Border b;Icon showw,hide;char ch;Font fo;Connection
con;public Arms(){fo = new Font("Times New Roman",Font.BOLD,16);

showw=new ImageIcon("showw.png");hide=new ImageIcon("hide.png");

b=BorderFactory.createEmptyBorder();fr=new JFrame("Remove_User");

fr.setSize(580,430);pa=new JPanel();fr.add(pa);pa.setLayout(null);

l1=new JLabel("Username");l2=new JLabel("Password");l3=new JLabel("User
Id");t1=new JTextField();t3=new JTextField();t2=new JPasswordField(15);

ch=t2.getEchoChar();b1=new JButton("Back");b2=new JButton("Submit");

b3=new JButton();b3.setIcon(hide);ml1=new JLabel("");ml2=new JLabel("");

ml3=new JLabel("");ml1.setForeground(Color.red);ml2.setForeground(Color.red);

ml3.setForeground(Color.red);l3.setBounds(60,50,120,40);t3.setBounds(180,50,200,40);ml3.setBounds(390,50,200,30);l1.setBounds(60,120,120,40);t1.setBounds(180,120,200,40);ml1.setBounds(390,120,200,30);l2.setBounds(60,190,120,40);t2.setBounds(180,190,160,40);b3.setBounds(340,190,40,40);ml2.setBounds(390,190,200,30);b1.setBounds(30,300,100,40);b2.setBounds(400,300,100,40);b3.setBorder(b);t2.setBorder(b);t1.setBorder(b);t3.setBorder(b);b3.setBackground(Color.white);l1.setFont(fo);l2.setFont(fo);ml1.setFont(fo);ml2.setFont(fo);t1.setFont(fo);t2.setFont(fo);l3.setFont(fo);ml3.setFont(fo);t3.setFont(fo);
```



```

pa.add(l1);pa.add(l2);pa.add(l3);pa.add(ml3);pa.add(t3);pa.add(t1);pa.add(t2);pa.a
dd(ml1);pa.add(ml2);pa.add(b1);pa.add(b2);pa.add(b3);t1.addFocusListener(this);t
2.addFocusListener(this);t3.addFocusListener(this);b1.addActionListener(this);b2.
addActionListener(this);b3.addMouseListener(this);fr.setDefaultCloseOperation(3)
;fr.setVisible(true);}public void focusGained(FocusEvent evt1){

if(evt1.getSource()==t1){ml1.setText("");}if(evt1.getSource()==t2){
ml2.setText("");}if(evt1.getSource()==t3){ml3.setText("");}}

public void focusLost(FocusEvent evt1){if(evt1.getSource()==t1){

if(t1.getText().equals("")){ml1.setText("please fill the Username");}}

if(evt1.getSource()==t2){if(t2.getText().equals("")){ml2.setText("please fill the
password");}}if(evt1.getSource()==t3){if(t3.getText().equals("")){ml3.setText("pl
ease fill the User_id");}}}public void mousePressed(MouseEvent
evt2){b3.setIcon(showw);t2.setEchoChar((char)0);}

public void mouseReleased(MouseEvent evt2){b3.setIcon(hide);t2.setEchoChar(ch
);}public void mouseEntered(MouseEvent evt2){}

public void mouseExited(MouseEvent evt2){}

public void mouseClicked(MouseEvent evt2){}

public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){Admf
t10=new Admf();fr.dispose();}if(evt.getSource()==b2){try{

Class.forName("oracle.jdbc.driver.OracleDriver");con=DriverManager.getConnection
("jdbc:oracle:thin:@localhost:1521/XE","system","1324");PreparedStatement
stmt=con.prepareStatement("delete * from user1 where u_id=? u_username=? and
u_password=?");stmt.setString(1,t3.getText());stmt.setString(1,t1.getText());stmt.s
etString(1,t2.getPassword().toString());int x=stmt.executeUpdate();if(x>0){

JOptionPane.showMessageDialog(null,"Record Deleted Sucessfully....");}else{

JOptionPane.showMessageDialog(null,"Failed....");con.close();}}catch(Exception
e){System.out.print(e);}}}public static void main(String ...k){new Arms();}}

```

ADMIN FUNCTIONALITIES FRAME

```
import java.awt.event.*;

import javax.swing.*;

import java.sql.*;

import java.awt.*;

class Admf implements ActionListener

{JFrame fr;JLabel l1;JButton b1,b2,b3,b4,b5,b7,b8,b9,b10;JPanel pa;Font
fo;Connection con;public Admf(){fo=new Font("Times New
Roman",Font.BOLD,18);fr=new JFrame("ADMIN");fr.setSize(850,600);

fr.setResizable(false);pa=new JPanel();pa.setLayout(null);fr.add(pa);

l1=new JLabel("_Admin Functions_");b1=new JButton("View_Courses");b2=new
JButton("Read_Notes");

b3=new JButton("View_Users");b5=new JButton("Add_Users");

b7=new JButton("Remove_Users");b4=new JButton("View_Papers");b9=new
JButton("Back");b10=new JButton("Logout");l1.setBounds(350,0,400,150);

b3.setBounds(100,150,200,40);b5.setBounds(500,150,200,40);b7.setBounds(100,2
50,200,40);b4.setBounds(500,250,200,40);b1.setBounds(100,350,200,40);b2.setBo
unds(500,350,200,40);b9.setBounds(30,500,200,40);b10.setBounds(600,500,200,4
0);l1.setFont(fo);b1.setFont(fo);b2.setFont(fo);b3.setFont(fo);b5.setFont(fo);b7.set
Font(fo);b9.setFont(fo);b10.setFont(fo);b4.setFont(fo);pa.add(l1);pa.add(b1);pa.ad
d(b2);pa.add(b3);pa.add(b5);pa.add(b7);pa.add(b9);pa.add(b10);pa.add(b4);fr.setD
efaultCloseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActio
nListener(this);b3.addActionListener(this);b5.addActionListener(this);b7.addActio
nListener(this);b4.addActionListener(this);b9.addActionListener(this);b10.addActi
onListener(this);}public void actionPerformed(ActionEvent evt){

if(evt.getSource()==b1){Corz t2=new Corz();fr.dispose();}if(evt.getSource()==b2)

{Coraf t2=new Coraf();fr.dispose();}if(evt.getSource()==b3){try{
```

```

Class.forName("oracle.jdbc.driver.OracleDriver");con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521/XE","system","1324");Statement stmt=con.createStatement();ResultSet rs=stmt.executeQuery("select * from user1");while(rs.next()){System.out.println("User_ID_      :      Username      : Password");System.out.println(rs.getInt(1)+ "      :      " +rs.getString(2)+ "      :      " +rs.getString(3));con.close();}} catch(Exception e){System.out.println(e);}}
    if(evt.getSource()==b4){Admvp n8=new Admvp();fr.dispose();}

    if(evt.getSource()==b5){Aadds no1=new Aadds();fr.dispose();}

    if(evt.getSource()==b7){Arms no3=new Arms();fr.dispose();}

    if(evt.getSource()==b9){Alogin yes=new Alogin();fr.dispose(); }

    if(evt.getSource()==b10){Tul tl=new Tul();fr.dispose();}}public static void main(String ...k){new Admf();}}

```

USER FUNCTIONALITIES FRAME

```

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Stf implements ActionListener

{JFrame fr;JLabel l1;JButton b1,b2,b3,b4,b5,b6;JPanel pa;Font fo;public Stf(){

fo=new Font("Times New Roman",Font.BOLD,18);fr=new JFrame("USER");

fr.setSize(600,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);l1=new JLabel("_ User Functions_");b1=new JButton("View_Courses");

b5=new JButton("Read_Notes");b6=new JButton("View_Papers");

b2=new JButton("Back");b3=new JButton("Logout");

l1.setBounds(200,0,200,150);b1.setBounds(30,170,200,40);b5.setBounds(350,170,200,40);b6.setBounds(200,270,200,40);b2.setBounds(30,380,200,40);

```

```
b3.setBounds(350,380,200,40);l1.setFont(fo);b1.setFont(fo);b2.setFont(fo);b3.setFont(fo);b5.setFont(fo);b6.setFont(fo);pa.add(l1);pa.add(b1);pa.add(b2);pa.add(b3);pa.add(b5);pa.add(b6);fr.setDefaultCloseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListener(this);b3.addActionListener(this);b5.addActionListener(this);b6.addActionListener(this);}
```

```
public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){Corxeu=new Corxe();fr.dispose();}if(evt.getSource()==b5){Corseyu=new Corsey();
```

```
fr.dispose();}if(evt.getSource()==b6){Stvp n9=new Stvp();fr.dispose();}
```

```
if(evt.getSource()==b2){Stulogin yes2=new Stulogin();fr.dispose();}
```

```
if(evt.getSource()==b3){Tul tl=new Tul();fr.dispose();}}
```

```
public static void main(String ...k){new Stf();}}
```

VIEW NOTES FRAME

From admin side-

```
import java.awt.event.*;
```

```
import javax.swing.*;
```

```
import java.awt.*;
```

```
class Coraf implements ActionListener
```

```
{JFrame fr;JButton b3,b4,b5,b6,b7,b8,b9,b10;JPanel pa;Font fo;public Coraf(){
```

```
fo=new Font("Times New Roman",Font.BOLD,18);fr=new JFrame("Notes");
```

```
fr.setSize(850,570);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);
```

```
fr.add(pa);b3=new JButton("1st_Semester");b4=new JButton("2nd_Semester");
```

```
b5=new JButton("3rd_Semester");b6=new JButton("4th_Semester");
```

```
b7=new JButton("5th_Semester");b8=new JButton("6th_Semester");
```

```
b9=new JButton("Back");b10=new JButton("Logout");
```

```

b3.setBounds(100,50,200,40);b4.setBounds(500,50,200,40);b5.setBounds(100,150
,200,40);b6.setBounds(500,150,200,40);b7.setBounds(100,250,200,40);b8.setBoun
ds(500,250,200,40);b9.setBounds(30,400,200,40);b10.setBounds(600,400,200,40);
b3.setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);b8.setFo
nt(fo);b9.setFont(fo);b10.setFont(fo);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);
pa.add(b7);pa.add(b8);pa.add(b9);pa.add(b10);fr.setDefaultCloseOperation(3);fr.se
tVisible(true);b3.addActionListener(this);b4.addActionListener(this);b5.addAction
Listener(this);b6.addActionListener(this);b7.addActionListener(this);b8.addAction
Listener(this);b9.addActionListener(this);b10.addActionListener(this);}public void
actionPerformed(ActionEvent evt){if(evt.getSource()==b3){Sem1 t3=new Sem1();
fr.dispose();}if(evt.getSource()==b4){Sem2 t5=new Sem2();fr.dispose();}
if(evt.getSource()==b5){Sem3 t6=new Sem3();fr.dispose();}
if(evt.getSource()==b6){Sem4 t7=new Sem4();fr.dispose();}
if(evt.getSource()==b7){Sem5 t8=new Sem5();fr.dispose();}
if(evt.getSource()==b8){Sem6 t9=new Sem6();fr.dispose();}
if(evt.getSource()==b9){Admf t10=new Admf();fr.dispose();}
if(evt.getSource()==b10){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Coraf();}}

```

Semester frames from admin side-

```

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem1 implements ActionListener

{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;JPanel pa;Font fo;public Sem1(){fo=new
Font("Times New Roman",Font.BOLD,18);fr=new JFrame("1st_Semester");

fr.setSize(800,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

```

```

fr.add(pa);b1=new JButton("Code-101");b2=new JButton("Code-102");b3=new
JButton("Code-103");b4=new JButton("Code-104");b5=new JButton("Code-105");

b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(100,150
,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,250,200,40);b6.setBoun
ds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFont(fo);b2.setFont(fo);b3.
setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo)pa.add(b1);p
a.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.add(b7);fr.setDefaultCl
oseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListen
er(this);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListen
er(this);b6.addActionListener(this);b7.addActionListener(this);}

public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c101.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c102.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b3){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c103.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b4){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c104.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b5){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c105.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b6){Coraf t4=new Coraf();fr.dispose();

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem1();}}

```

```

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem2 implements ActionListener

{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;JPanel pa;Font fo;public Sem2(){fo=new
Font("Times New Roman",Font.BOLD,18);fr=new JFrame("2nd_Semester");

fr.setSize(800,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);b1=new JButton("Code-201");b2=new JButton("Code-202");b3=new
JButton("Code-203");b4=new JButton("Code-204");b5=new JButton("Code-
205");b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(100,150
,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,250,200,40);b6.setBoun
ds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFont(fo);b2.setFont(fo);b3.
setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);
pa.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.add(b7);fr.setDefaultC
loseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListe
ner(this);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListe
ner(this);b6.addActionListener(this);b7.addActionListener(this);}public void
actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c201.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c202.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b3){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c203.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b4){try{

```

```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c204.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b5){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c205.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b6){Coraf t4=new Coraf();fr.dispose();

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem2();}}

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem3 implements ActionListener

{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;JPanel pa;Font fo;public Sem3(){fo=new
Font("Times New Roman",Font.BOLD,18);fr=new JFrame("3rd_Semester");

fr.setSize(800,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);b1=new JButton("Code-301");b2=new JButton("Code-302");b3=new
JButton("Code-303");b4=new JButton("Code-304");b5=new JButton("Code-
305");b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(100,150
,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,250,200,40);b6.setBoun
ds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFont(fo);b2.setFont(fo);b3.
setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);
pa.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.add(b7);fr.setDefaultC
loseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListe
ner(this);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListe
ner(this);b6.addActionListener(this);b7.addActionListener(this);}public void
actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c301.pdf");}catch(Exception e){

```



```

JOptionPane.showMessageDialog(null, "Check file details");} }

if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c302.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");} if(evt.getSource()==b3){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c303.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");} if(evt.getSource()==b4){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c304.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");} if(evt.getSource()==b5){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c305.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");} if(evt.getSource()==b6){Coraf t4=new Coraf();fr.dispose();

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}} public static void
main(String ...k){new Sem3();}}

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem4 implements ActionListener

{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;JPanel pa;Font fo;public Sem4(){fo=new
Font("Times New Roman",Font.BOLD,18);fr=new JFrame("4th_Semester");

fr.setSize(800,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);b1=new JButton("Code-401");b2=new JButton("Code-402");b3=new
JButton("Code-403");b4=new JButton("Code-404");b5=new JButton("Code-
405");b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);

```

```

b3.setBounds(100,150,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,2
50,200,40);b6.setBounds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFon
t(fo);b2.setFont(fo);b3.setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.
setFont(fo);pa.add(b1);pa.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.
add(b7);fr.setDefaultCloseOperation(3);fr.setVisible(true);b1.addActionListener(th
is);b2.addActionListener(this);b3.addActionListener(this);b4.addActionListener(th
is);b5.addActionListener(this);b6.addActionListener(this);b7.addActionListener(th
is);}public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32    url.dll,    FileProtocolHandler    "
+"D:\\Tul\\c401.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32    url.dll,    FileProtocolHandler    "
+"D:\\Tul\\c402.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b3){try{

Runtime.getRuntime().exec("rundll32    url.dll,    FileProtocolHandler    "
+"D:\\Tul\\c403.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b4){try{

Runtime.getRuntime().exec("rundll32    url.dll,    FileProtocolHandler    "
+"D:\\Tul\\c404.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b5){try{

Runtime.getRuntime().exec("rundll32    url.dll,    FileProtocolHandler    "
+"D:\\Tul\\c405.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b6){Coraf t4=new Coraf();fr.dispose();

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem4();}}

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem5 implements ActionListener{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;

```

```

JPanel pa;Font fo;public Sem5(){

fo=new Font("Times New Roman",Font.BOLD,18);

fr=new JFrame("5th_Semester");fr.setSize(800,500);fr.setResizable(false);pa=new
JPanel();pa.setLayout(null);fr.add(pa);b1=new JButton("Code-501");

b2=new JButton("Code-502");b3=new JButton("Code-503");

b4=new JButton("Code-504");b5=new JButton("Code-505");

b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(100,150
,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,250,200,40);b6.setBoun
ds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFont(fo);b2.setFont(fo);b3.
setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);
pa.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.add(b7);fr.setDefaultC
loseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListe
ner(this);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListe
ner(this);b6.addActionListener(this);b7.addActionListener(this);}public      void
actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32      url.dll,      FileProtocolHandler      "
+"D:\\Tul\\c501.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32      url.dll,      FileProtocolHandler      "
+"D:\\Tul\\c502.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b3){try{

Runtime.getRuntime().exec("rundll32      url.dll,      FileProtocolHandler      "
+"D:\\Tul\\c503.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b4){try{

Runtime.getRuntime().exec("rundll32      url.dll,      FileProtocolHandler      "
+"D:\\Tul\\c504.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b5){try{

```

```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c505.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b6){Coraf t4=new Coraf();fr.dispose();

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem5();}}

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem6 implements ActionListener{JFrame fr;JButton b1,b2,b3,b6,b7;

JPanel pa;Font fo;public Sem6(){

fo=new Font("Times New Roman",Font.BOLD,18);

fr=new JFrame("6th_Semester");fr.setSize(800,480);fr.setResizable(false);pa=new
JPanel();pa.setLayout(null);fr.add(pa);b1=new JButton("Code-601");

b2=new JButton("Code-602");b3=new JButton("Code-603");

b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(270,150
,200,40);b6.setBounds(50,300,200,40);b7.setBounds(490,300,200,40);b1.setFont(f
o);b2.setFont(fo);b3.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);pa.add(b
2);pa.add(b3);pa.add(b6);pa.add(b7);fr.setDefaultCloseOperation(3);fr.setVisible(t
rue);b1.addActionListener(this);b2.addActionListener(this);b3.addActionListener(t
his);b6.addActionListener(this);b7.addActionListener(this);}

public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c601.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c602.pdf");} catch(Exception e){

```

```

JOptionPane.showMessageDialog(null, "Check file details");} }

if(evt.getSource()==b3){try {Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\c603.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");} }

if(evt.getSource()==b6){Coraf t4=new Coraf();fr.dispose();}

if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}

public static void main(String ...k){new Sem6();}}

```

VIEW NOTES FRAME

From user side-

```

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Cors implements ActionListener{JFrame fr;

JButton b3,b4,b5,b6,b7,b8,b9,b10;JPanel pa;Font fo;public Cors(){fo=new
Font("Times New Roman",Font.BOLD,18);fr=new JFrame("Notes");

fr.setSize(850,570);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);b3=new JButton("1st_Semester");b4=new JButton("2nd_Semester");

b5=new JButton("3rd_Semester");b6=new JButton("4th_Semester");b7=new
JButton("5th_Semester");b8=new JButton("6th_Semester");

b9=new JButton("Back");b10=new JButton("Logout");

b3.setBounds(100,50,200,40);b4.setBounds(500,50,200,40);b5.setBounds(100,150
,200,40);b6.setBounds(500,150,200,40);b7.setBounds(100,250,200,40);b8.setBoun
ds(500,250,200,40);b9.setBounds(30,400,200,40);b10.setBounds(600,400,200,40);
b3.setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);b8.setFo
nt(fo);b9.setFont(fo);b10.setFont(fo);pa.add(b3);pa.add(b4);pa.add(b5);

```

```

pa.add(b6);pa.add(b7);pa.add(b8);pa.add(b9);pa.add(b10);fr.setDefaultCloseOperation(3);fr.setVisible(true);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListener(this);b6.addActionListener(this);b7.addActionListener(this);b8.addActionListener(this);b9.addActionListener(this);b10.addActionListener(this);}public void actionPerformed(ActionEvent evt){if(evt.getSource()==b3){Sem1s qa=new Sem1s();fr.dispose();}if(evt.getSource()==b4){Sem2s qb=new Sem2s();fr.dispose();}if(evt.getSource()==b5){Sem3s qc=new Sem3s();fr.dispose();}if(evt.getSource()==b6){Sem4s qd=new Sem4s();fr.dispose();}if(evt.getSource()==b7){Sem5s qe=new Sem5s();fr.dispose();}if(evt.getSource()==b8){Sem6s qf=new Sem6s();fr.dispose();}if(evt.getSource()==b9){Stf qg=new Stf();fr.dispose();}if(evt.getSource()==b10){Tul tl=new Tul();fr.dispose();}}public static void main(String ...k){new Cors();}}

```

Semester frames from user side-

```

import java.awt.event.*;
import javax.swing.*;
import java.awt.*;

class Sem1s implements ActionListener

{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;JPanel pa;Font fo;public Sem1s(){
fo=new Font("Times New Roman",Font.BOLD,18);
fr=new JFrame("1st_Semester");
fr.setSize(800,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);
fr.add(pa);b1=new JButton("Code-101");b2=new JButton("Code-102");b3=new JButton("Code-103");b4=new JButton("Code-104");b5=new JButton("Code-105");
b6=new JButton("Back");b7=new JButton("Logout");

```

```

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(100,150
,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,250,200,40);b6.setBoun
ds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFont(fo);b2.setFont(fo);b3.
setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);p
a.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.add(b7);fr.setDefaultCl
oseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListen
er(this);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListen
er(this);b6.addActionListener(this);b7.addActionListener(this);}

```

```

public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

```

```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c101.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b2){try{

```

```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c102.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b3){try{

```

```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c103.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b4){try{

```

```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c104.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b5){try{

```

```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c105.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b6){Cors yr1=new Cors();fr.dispose();

```

```

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem1s();}}

```

```

import java.awt.event.*;

```

```

import javax.swing.*;

```

```

import java.awt.*;

```

class Sem2s implements ActionListener

```
{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;JPanel pa;Font fo;public  
Sem2s(){fo=new Font("Times New Roman",Font.BOLD,18);fr=new  
JFrame("2nd_Semester");
```

```
fr.setSize(800,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);
```

```
fr.add(pa);b1=new JButton("Code-201");b2=new JButton("Code-202");b3=new  
JButton("Code-203");b4=new JButton("Code-204");b5=new JButton("Code-  
205");b6=new JButton("Back");b7=new JButton("Logout");
```

```
b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(100,150  
,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,250,200,40);b6.setBoun  
ds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFont(fo);b2.setFont(fo);b3.  
setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);  
pa.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.add(b7);fr.setDefaultC  
loseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListe  
ner(this);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListe  
ner(this);b6.addActionListener(this);b7.addActionListener(this);}public void  
actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{
```

```
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "  
+"D:\\Tul\\c201.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,  
"Check file details");}}if(evt.getSource()==b2){try{
```

```
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "  
+"D:\\Tul\\c202.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,  
"Check file details");}}if(evt.getSource()==b3){try{
```

```
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "  
+"D:\\Tul\\c203.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,  
"Check file details");}}if(evt.getSource()==b4){try{
```

```
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "  
+"D:\\Tul\\c204.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,  
"Check file details");}}if(evt.getSource()==b5){try{
```



```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c205.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b6){Cors yr1=new Cors();fr.dispose();

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem2s();}}

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem3s implements ActionListener

{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;JPanel pa;Font fo;public
Sem3s(){fo=new Font("Times New Roman",Font.BOLD,18);fr=new
JFrame("3rd_Semester");

fr.setSize(800,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);b1=new JButton("Code-301");b2=new JButton("Code-302");b3=new
JButton("Code-303");b4=new JButton("Code-304");b5=new JButton("Code-
305");b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(100,150
,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,250,200,40);b6.setBoun
ds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFont(fo);b2.setFont(fo);b3.
setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);
pa.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.add(b7);fr.setDefaultC
loseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListe
ner(this);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListe
ner(this);b6.addActionListener(this);b7.addActionListener(this);}public void
actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c301.pdf");}catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");} }

```

```

if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c302.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b3){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c303.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b4){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c304.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b5){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c305.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b6){Cors yr1=new Cors();fr.dispose();

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem3s();}}

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem4s implements ActionListener

{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;JPanel pa;Font fo;public
Sem4s(){fo=new Font("Times New Roman",Font.BOLD,18);fr=new
JFrame("4th_Semester");

fr.setSize(800,500);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);b1=new JButton("Code-401");b2=new JButton("Code-402");b3=new
JButton("Code-403");b4=new JButton("Code-404");b5=new JButton("Code-
405");b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);

```

```

b3.setBounds(100,150,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,2
50,200,40);b6.setBounds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFon
t(fo);b2.setFont(fo);b3.setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.
setFont(fo);pa.add(b1);pa.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.
add(b7);fr.setDefaultCloseOperation(3);fr.setVisible(true);b1.addActionListener(th
is);b2.addActionListener(this);b3.addActionListener(this);b4.addActionListener(th
is);b5.addActionListener(this);b6.addActionListener(this);b7.addActionListener(th
is);}public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c401.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b2){try{
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c402.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b3){try{
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c403.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b4){try{
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c404.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b5){try{
Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c405.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b6){Cors yr1=new Cors();fr.dispose();
}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem4s();}}

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem5s implements ActionListener{JFrame fr;JButton b1,b2,b3,b4,b5,b6,b7;

```

```

JPanel pa;Font fo;public Sem5s(){

fo=new Font("Times New Roman",Font.BOLD,18);

fr=new JFrame("5th_Semester");fr.setSize(800,500);fr.setResizable(false);pa=new
JPanel();pa.setLayout(null);fr.add(pa);b1=new JButton("Code-501");

b2=new JButton("Code-502");b3=new JButton("Code-503");

b4=new JButton("Code-504");b5=new JButton("Code-505");

b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(100,150
,200,40);b4.setBounds(450,150,200,40);b5.setBounds(270,250,200,40);b6.setBoun
ds(50,370,200,40);b7.setBounds(490,370,200,40);b1.setFont(fo);b2.setFont(fo);b3.
setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);
pa.add(b2);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);pa.add(b7);fr.setDefaultC
loseOperation(3);fr.setVisible(true);b1.addActionListener(this);b2.addActionListe
ner(this);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListe
ner(this);b6.addActionListener(this);b7.addActionListener(this);}public      void
actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32      url.dll,      FileProtocolHandler      "
+"D:\\Tul\\c501.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32      url.dll,      FileProtocolHandler      "
+"D:\\Tul\\c502.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b3){try{

Runtime.getRuntime().exec("rundll32      url.dll,      FileProtocolHandler      "
+"D:\\Tul\\c503.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b4){try{

Runtime.getRuntime().exec("rundll32      url.dll,      FileProtocolHandler      "
+"D:\\Tul\\c504.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}}if(evt.getSource()==b5){try{

```

```

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c505.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b6){Cors yr1=new Cors();fr.dispose();

}if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}public static void
main(String ...k){new Sem5s();}}

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Sem6s implements ActionListener{JFrame fr;JButton b1,b2,b3,b6,b7;

JPanel pa;Font fo;public Sem6()s{

fo=new Font("Times New Roman",Font.BOLD,18);

fr=new JFrame("6th_Semester");fr.setSize(800,480);fr.setResizable(false);pa=new
JPanel();pa.setLayout(null);fr.add(pa);b1=new JButton("Code-601");

b2=new JButton("Code-602");b3=new JButton("Code-603");

b6=new JButton("Back");b7=new JButton("Logout");

b1.setBounds(100,50,200,40);b2.setBounds(450,50,200,40);b3.setBounds(270,150
,200,40);b6.setBounds(50,300,200,40);b7.setBounds(490,300,200,40);b1.setFont(f
o);b2.setFont(fo);b3.setFont(fo);b6.setFont(fo);b7.setFont(fo);pa.add(b1);pa.add(b
2);pa.add(b3);pa.add(b6);pa.add(b7);fr.setDefaultCloseOperation(3);fr.setVisible(t
rue);b1.addActionListener(this);b2.addActionListener(this);b3.addActionListener(t
his);b6.addActionListener(this);b7.addActionListener(this);}

public void actionPerformed(ActionEvent evt){if(evt.getSource()==b1){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c601.pdf");} catch(Exception e){JOptionPane.showMessageDialog(null,
"Check file details");}} if(evt.getSource()==b2){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\c602.pdf");} catch(Exception e){

```

```

JOptionPane.showMessageDialog(null, "Check file details");} }

if(evt.getSource()==b3){try {Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\c603.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");} }

if(evt.getSource()==b6){Cors yr1=new Cors();fr.dispose();}

if(evt.getSource()==b7){Tul tl=new Tul();fr.dispose();}}

public static void main(String ...k){new Sem6s();}}

```

VIEW SYLLABUS FRAME

From admin side-

```

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Corz implements ActionListener {JFrame fr;

JButton b3,b4,b5,b6,b7,b8,b9,b10;JPanel pa;Font fo;public Corz(){fo=new
Font("Times New Roman",Font.BOLD,18);fr=new JFrame("Courses");

fr.setSize(850,570);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);b3=new JButton("1st_Semester");b4=new JButton("2nd_Semester");

b5=new JButton("3rd_Semester");b6=new JButton("4th_Semester");b7=new
JButton("5th_Semester");b8=new JButton("6th_Semester");

b9=new JButton("Back");b10=new JButton("Logout");

b3.setBounds(100,50,200,40);b4.setBounds(500,50,200,40);b5.setBounds(100,150
,200,40);b6.setBounds(500,150,200,40);b7.setBounds(100,250,200,40);b8.setBoun
ds(500,250,200,40);b9.setBounds(30,400,200,40);b10.setBounds(600,400,200,40);
b3.setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);b8.setFo
nt(fo);b9.setFont(fo);b10.setFont(fo);pa.add(b3);pa.add(b4);pa.add(b5);

```

```

pa.add(b6);pa.add(b7);pa.add(b8);pa.add(b9);pa.add(b10);fr.setDefaultCloseOperation(3);fr.setVisible(true);b3.addActionListener(this);b4.addActionListener(this);b5.addActionListener(this);b6.addActionListener(this);b7.addActionListener(this);b8.addActionListener(this);b9.addActionListener(this);b10.addActionListener(this);}public void actionPerformed(ActionEvent evt){if(evt.getSource()==b3){try{Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler " +"D:\\Tul\\1sem.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null, "Check file details");} }if(evt.getSource()==b4){try{Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler " +"D:\\Tul\\2sem.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null, "Check file details");}}if(evt.getSource()==b5){try{Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler " +"D:\\Tul\\3sem.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null, "Check file details");} }if(evt.getSource()==b6){try{Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler " +"D:\\Tul\\4sem.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null, "Check file details");}}if(evt.getSource()==b7){try{Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler " +"D:\\Tul\\5sem.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null, "Check file details");}}if(evt.getSource()==b8){try{Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler " +"D:\\Tul\\6sem.pdf");}catch(Exception e){JOptionPane.showMessageDialog(null, "Check file details");}}if(evt.getSource()==b9){Admf lg=new Admf();fr.dispose();}if(evt.getSource()==b10){Tul tl=new Tul();fr.dispose();}}public static void main(String ...k){new Corz();}}

```

VIEW SYLLABUS FRAME

From user side-

```
import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Corx implements ActionListener {JFrame fr;

    JButton b3,b4,b5,b6,b7,b8,b9,b10;JPanel pa;Font fo;public Corx(){fo=new
    Font("Times New Roman",Font.BOLD,18);fr=new JFrame("Courses");

    fr.setSize(850,570);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

    fr.add(pa);b3=new JButton("1st_Semester");b4=new JButton("2nd_Semester");

    b5=new JButton("3rd_Semester");b6=new JButton("4th_Semester");b7=new
    JButton("5th_Semester");b8=new JButton("6th_Semester");

    b9=new JButton("Back");b10=new JButton("Logout");

    b3.setBounds(100,50,200,40);b4.setBounds(500,50,200,40);b5.setBounds(100,150
    ,200,40);b6.setBounds(500,150,200,40);b7.setBounds(100,250,200,40);b8.setBoun
    ds(500,250,200,40);b9.setBounds(30,400,200,40);b10.setBounds(600,400,200,40);
    b3.setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);b8.setFo
    nt(fo);b9.setFont(fo);b10.setFont(fo);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);
    pa.add(b7);pa.add(b8);pa.add(b9);pa.add(b10);fr.setDefaultCloseOperation(3);fr.se
    tVisible(true);b3.addActionListener(this);b4.addActionListener(this);b5.addAction
    Listener(this);b6.addActionListener(this);b7.addActionListener(this);b8.addAction
    Listener(this);b9.addActionListener(this);b10.addActionListener(this);}public void
    actionPerformed(ActionEvent evt){if(evt.getSource()==b3){try{

    Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
    +"D:\\Tul\\1sem.pdf");}catch(Exception e){

    JOptionPane.showMessageDialog(null, "Check file details");} }
```



```

if(evt.getSource()==b4){try{Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\2sem.pdf");}catch(Exception e){
JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b5){try{Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\3sem.pdf");}catch(Exception e){
JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b6){try{Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\4sem.pdf");}catch(Exception e){
JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b7){try{Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\5sem.pdf");}catch(Exception e){
JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b8){try{Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\6sem.pdf");}catch(Exception e){
JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b9){Stf ug=new Stf();fr.dispose();}if(evt.getSource()==b10){
Tul tl=new Tul();fr.dispose();}}public static void main(String ...k){new Corx();}}

```

VIEW PAPERS FRAME

From admin side-

```

import java.awt.event.*;

import javax.swing.*;

import java.awt.*;

class Admvp implements ActionListener{JFrame fr;

JButton b3,b4,b5,b6,b7,b8,b9,b10;JPanel pa;Font fo;public Admvp(){

```

```

fo=new Font("Times New Roman",Font.BOLD,18);

fr=new JFrame("View_Papers");fr.setSize(850,570);fr.setResizable(false);pa=new
JPanel();pa.setLayout(null);fr.add(pa);b3=new JButton("1st_Semester");b4=new
JButton("2nd_Semester");

b5=new JButton("3rd_Semester");b6=new JButton("4th_Semester");b7=new
JButton("5th_Semester");b8=new JButton("6th_Semester");

b9=new JButton("Back");b10=new JButton("Logout");

b3.setBounds(100,50,200,40);b4.setBounds(500,50,200,40);b5.setBounds(100,150
,200,40);b6.setBounds(500,150,200,40);b7.setBounds(100,250,200,40);b8.setBoun
ds(500,250,200,40);b9.setBounds(30,400,200,40);b10.setBounds(600,400,200,40);
b3.setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);b8.setFo
nt(fo);b9.setFont(fo);b10.setFont(fo);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);
pa.add(b7);pa.add(b8);pa.add(b9);pa.add(b10);fr.setDefaultCloseOperation(3);fr.se
tVisible(true);b3.addActionListener(this);b4.addActionListener(this);b5.addAction
Listener(this);b6.addActionListener(this);b7.addActionListener(this);b8.addAction
Listener(this);b9.addActionListener(this);b10.addActionListener(this);}public void
actionPerformed(ActionEvent evt){if(evt.getSource()==b3){try{

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\1semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b4){try{Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\2semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b5){try{Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\3semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b6){try{Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\4semp.pdf");} catch(Exception e){

```

```

JOptionPane.showMessageDialog(null, "Check file details");} }

if(evt.getSource()==b7){try {Runtime.getRuntime().exec("rundll32          url.dll,
FileProtocolHandler " +"D:\\Tul\\5semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b8){try {Runtime.getRuntime().exec("rundll32          url.dll,
FileProtocolHandler " +"D:\\Tul\\6semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b9){Admf t10=new Admf();fr.dispose();}

if(evt.getSource()==b10){Tul  tl=new  Tul();fr.dispose();}}public  static  void
main(String ...k){new Admvp();}}

```

VIEW PAPERS FRAME

From user side-

```

import java.awt.event.*;import javax.swing.*;import java.awt.*;

class Stvp implements ActionListener{JFrame fr;

JButton  b3,b4,b5,b6,b7,b8,b9,b10;JPanel  pa;Font  fo;public  Stvp(){fo=new
Font("Times New Roman",Font.BOLD,18);fr=new JFrame("View_Papers");

fr.setSize(850,570);fr.setResizable(false);pa=new JPanel();pa.setLayout(null);

fr.add(pa);b3=new JButton("1st_Semester");b4=new JButton("2nd_Semester");

b5=new  JButton("3rd_Semester");b6=new  JButton("4th_Semester");b7=new
JButton("5th_Semester");b8=new JButton("6th_Semester");

b9=new JButton("Back");b10=new JButton("Logout");

b3.setBounds(100,50,200,40);b4.setBounds(500,50,200,40);b5.setBounds(100,150
,200,40);b6.setBounds(500,150,200,40);b7.setBounds(100,250,200,40);b8.setBoun
ds(500,250,200,40);b9.setBounds(30,400,200,40);b10.setBounds(600,400,200,40);
b3.setFont(fo);b4.setFont(fo);b5.setFont(fo);b6.setFont(fo);b7.setFont(fo);b8.setFo

```

```

nt(fo);b9.setFont(fo);b10.setFont(fo);pa.add(b3);pa.add(b4);pa.add(b5);pa.add(b6);
pa.add(b7);pa.add(b8);pa.add(b9);pa.add(b10);fr.setDefaultCloseOperation(3);fr.set
tVisible(true);b3.addActionListener(this);b4.addActionListener(this);b5.addAction
Listener(this);b6.addActionListener(this);b7.addActionListener(this);b8.addAction
Listener(this);b9.addActionListener(this);b10.addActionListener(this);}public void
actionPerformed(ActionEvent evt){if(evt.getSource()==b3){try {

Runtime.getRuntime().exec("rundll32 url.dll, FileProtocolHandler "
+"D:\\Tul\\1semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b4){try {Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\2semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b5){try {Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\3semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");} }

if(evt.getSource()==b6){try {Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\4semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");} }

if(evt.getSource()==b7){try {Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\5semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b8){try {Runtime.getRuntime().exec("rundll32 url.dll,
FileProtocolHandler " +"D:\\Tul\\6semp.pdf");} catch(Exception e){

JOptionPane.showMessageDialog(null, "Check file details");}}

if(evt.getSource()==b9){Stf tyess=new Stf();fr.dispose();}if(evt.getSource()==b10)

{Tul tl=new Tul();fr.dispose();}}public static void main(String ...k)

{new Stvp();}}

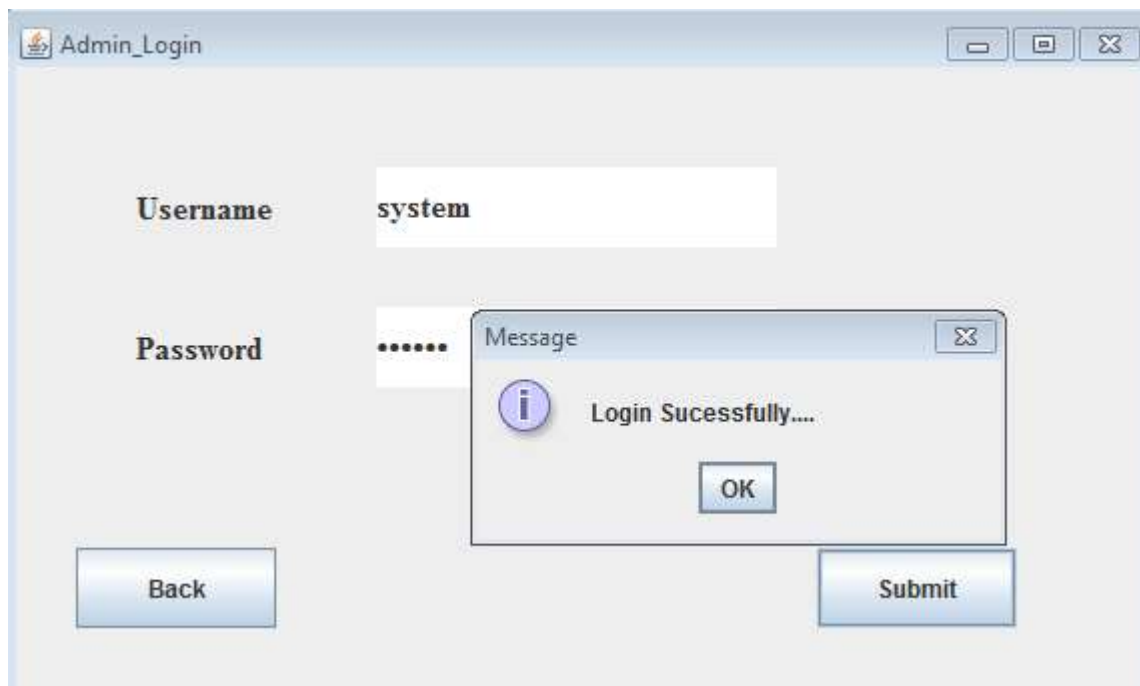
```

OUTPUT

SCREEN



HOME FRAME



ADMIN LOGIN



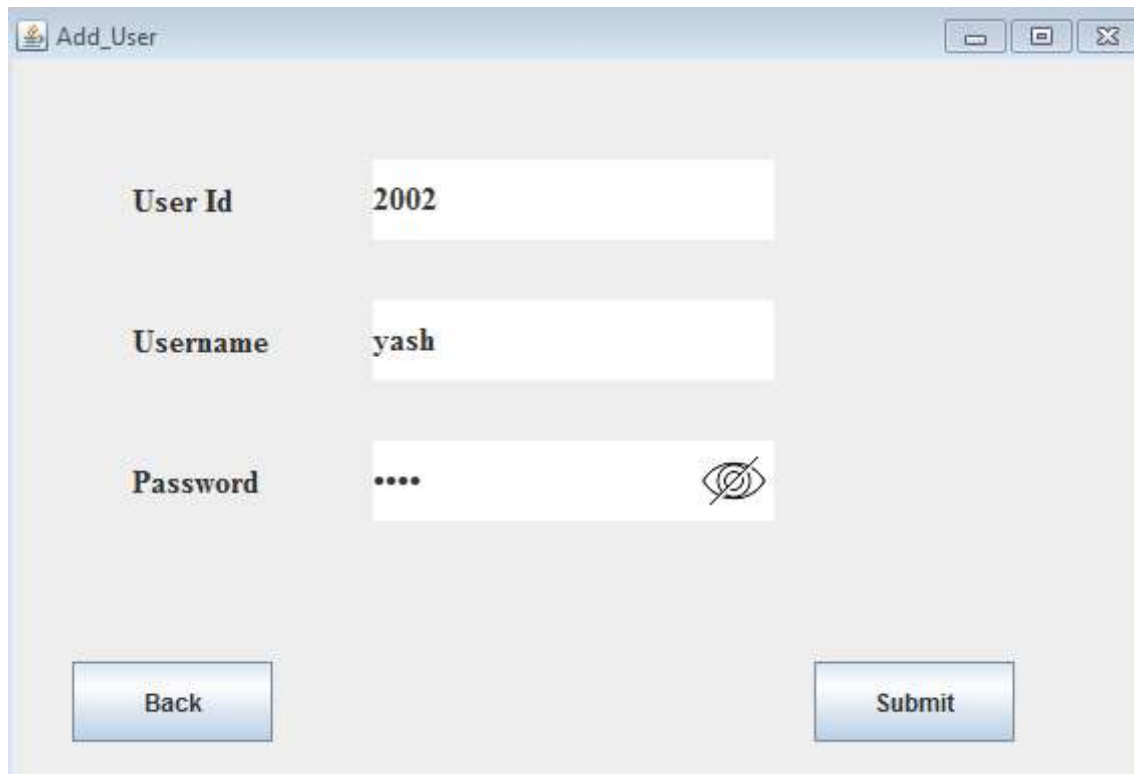
A screenshot of a web application window titled "USER_Login". The window has a light gray background and a standard Windows-style title bar with minimize, maximize, and close buttons. It contains two input fields: "Username" with the text "sahil" and "Password" with masked characters ".....". To the right of the password field is an eye icon with a diagonal line through it, indicating that the password is hidden. At the bottom of the window are two buttons: "Back" on the left and "Submit" on the right.

USER LOGIN



A screenshot of a web application window titled "Admin_Login". The window has a light gray background and a standard Windows-style title bar. It contains two input fields: "Username" with the text "shubham" and "Password" with masked characters ".....". To the right of the password field is an eye icon with a diagonal line through it. At the bottom of the window are two buttons: "Back" on the left and "Submit" on the right. A "Message" dialog box is overlaid on the "Submit" button, displaying an information icon, the text "Incorrect username and password...", and an "OK" button.

ADMIN LOGIN INCORRECT



The image shows a window titled "Add_User" with a standard Windows-style title bar (minimize, maximize, close buttons). The window contains three input fields: "User Id" with the value "2002", "Username" with the value "yash", and "Password" with masked characters "....". To the right of the password field is an eye icon with a diagonal line through it, indicating that the password is hidden. At the bottom of the window are two buttons: "Back" on the left and "Submit" on the right.

ADD USER

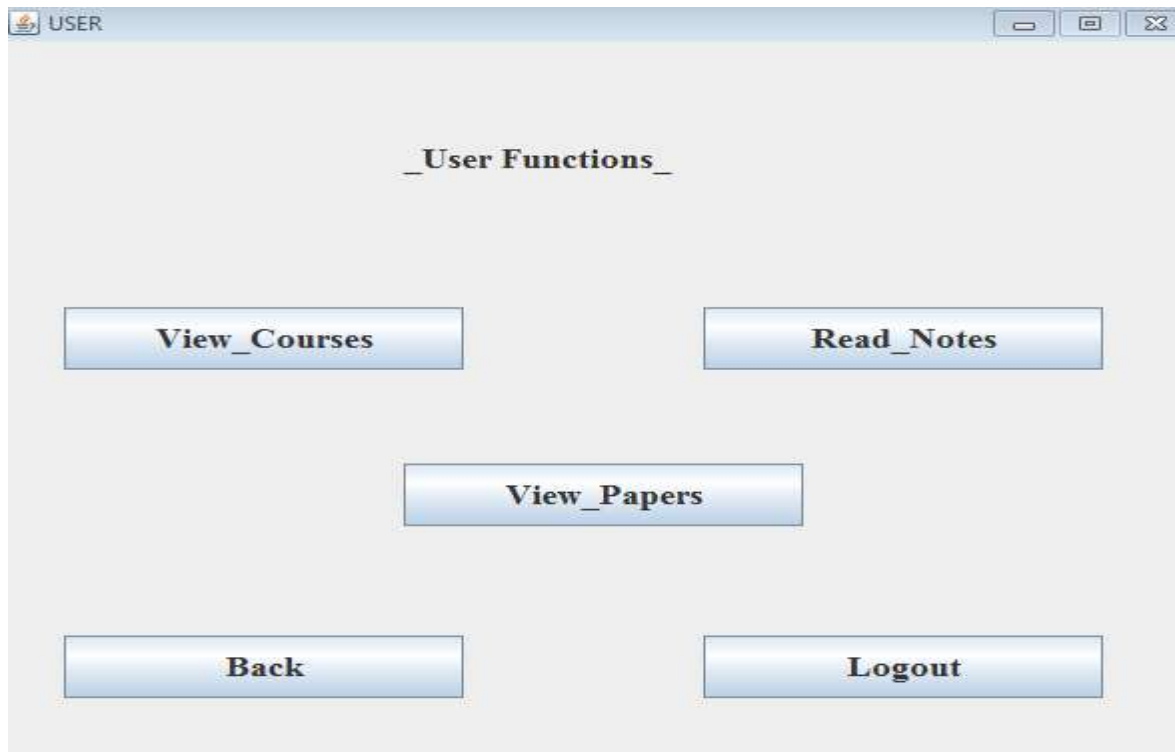


The image shows the same "Add_User" window, but now with validation errors. The "User Id" field is empty, and to its right is the red text "please fill the User Id". The "Username" field is empty, and to its right is the red text "please fill the Username". The "Password" field is empty, and to its right is the red text "please fill the password". The "Back" and "Submit" buttons remain at the bottom.

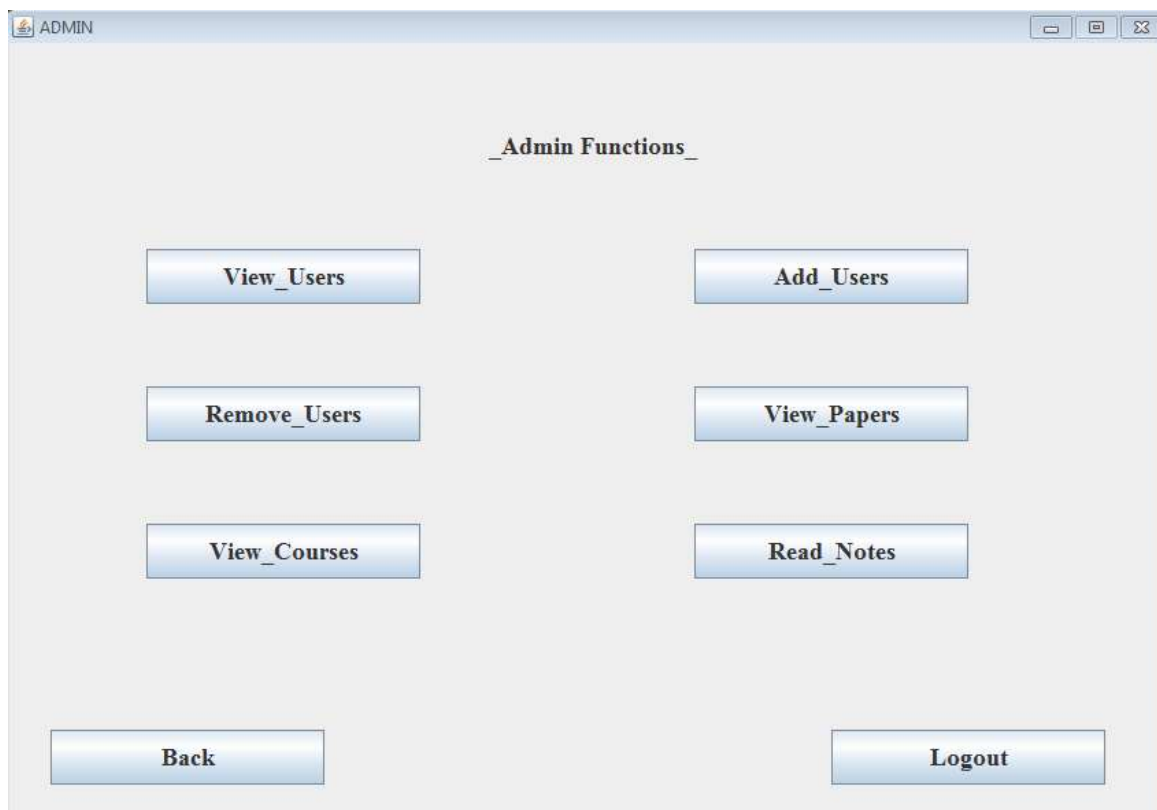
The screenshot shows a window titled "Remove_User" with a light blue header bar containing standard window controls. The main area has a light gray background. It features three input fields: "User Id" with the value "2001", "Username" with the value "sahil", and "Password" with masked characters ".....". To the right of the password field is an eye icon with a diagonal line through it. At the bottom, there are two buttons: "Back" on the left and "Submit" on the right.

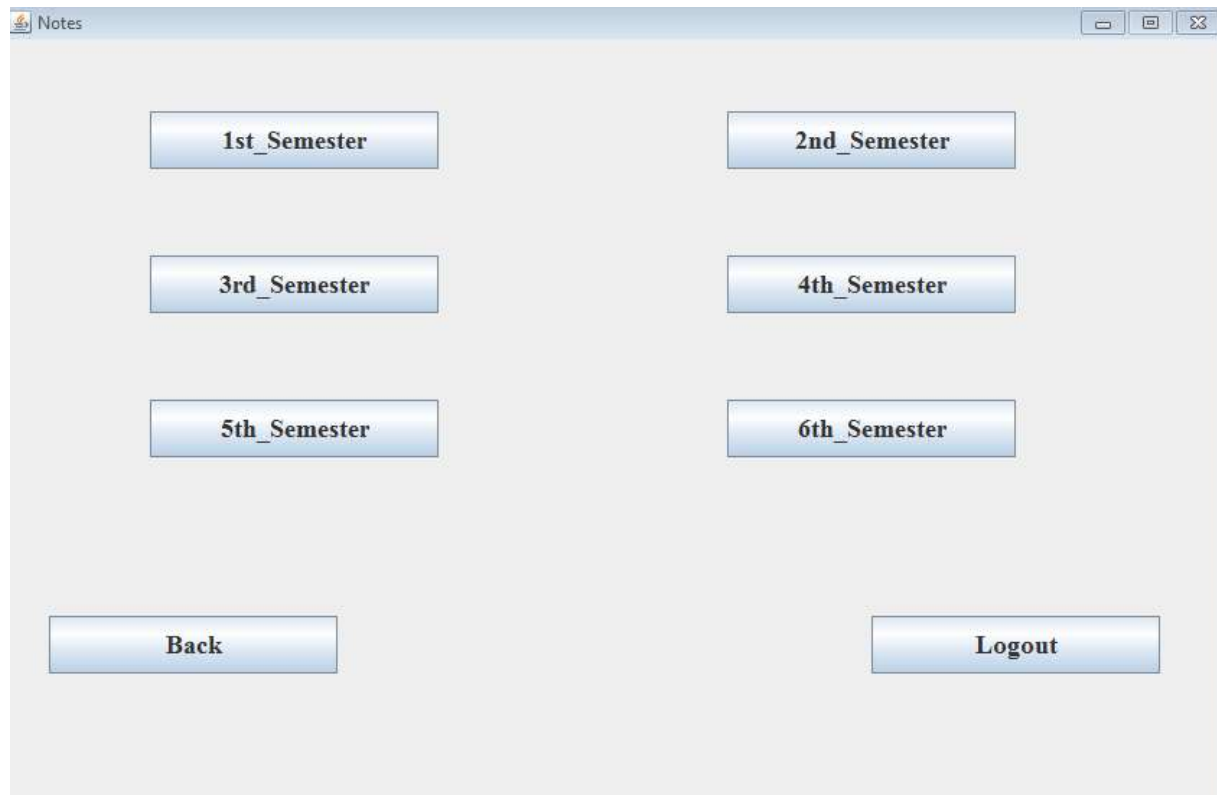
REMOVE USER

This screenshot shows the same "Remove_User" window, but with validation errors. The "User Id" field is empty, and a red error message "please fill the User_id" is displayed to its right. The "Username" field is also empty, with a red error message "please fill the Username" to its right. The "Password" field is empty, and a red error message "please fill the password" is to its right. The "Back" and "Submit" buttons remain at the bottom.

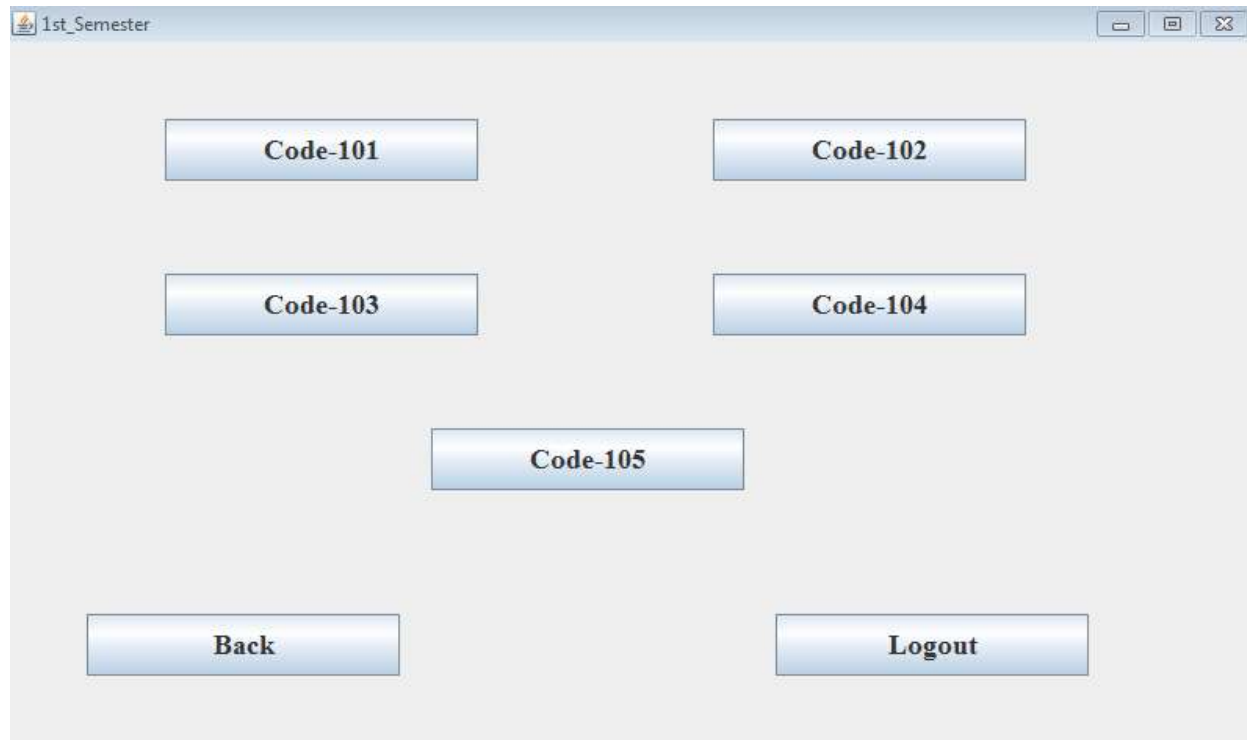


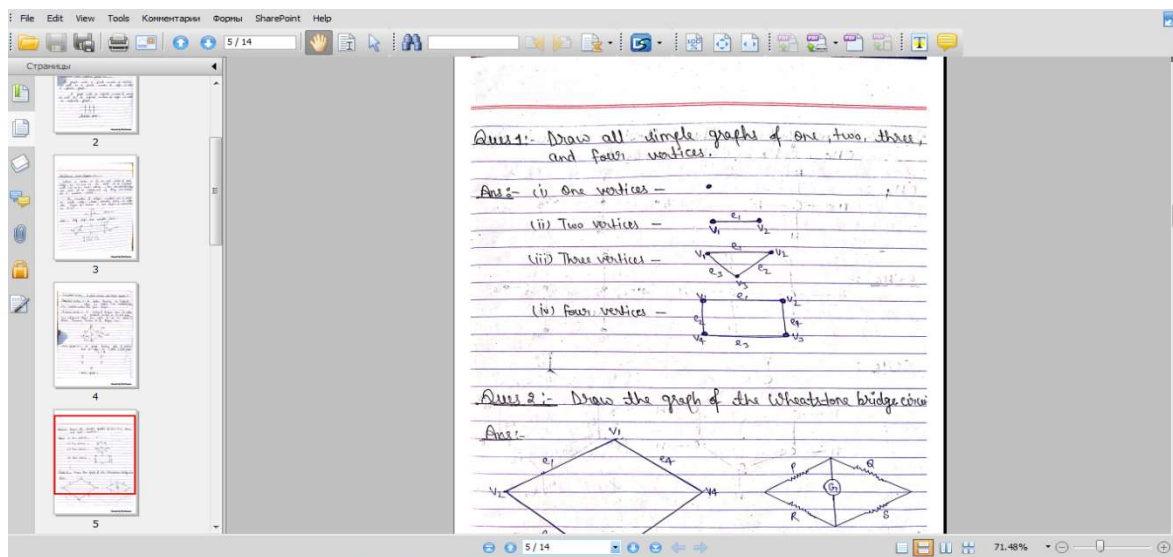
ADMIN AND USER FUNCTIONALITIES



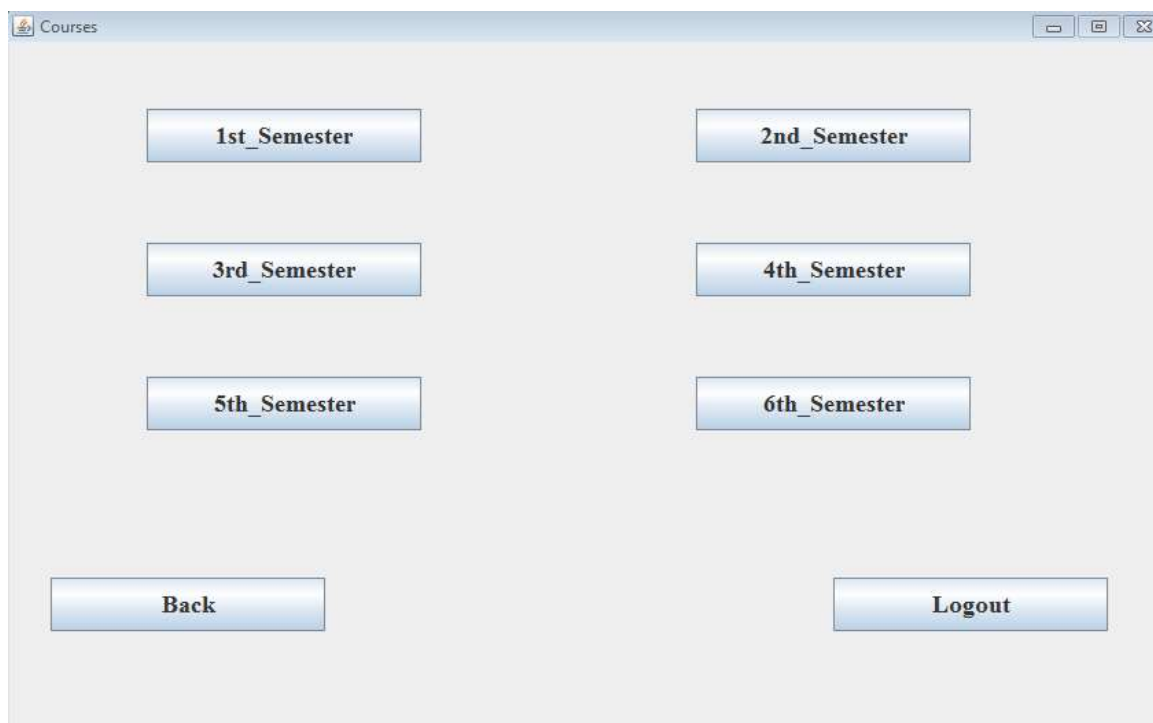


NOTES AND SEMESTER FRAME

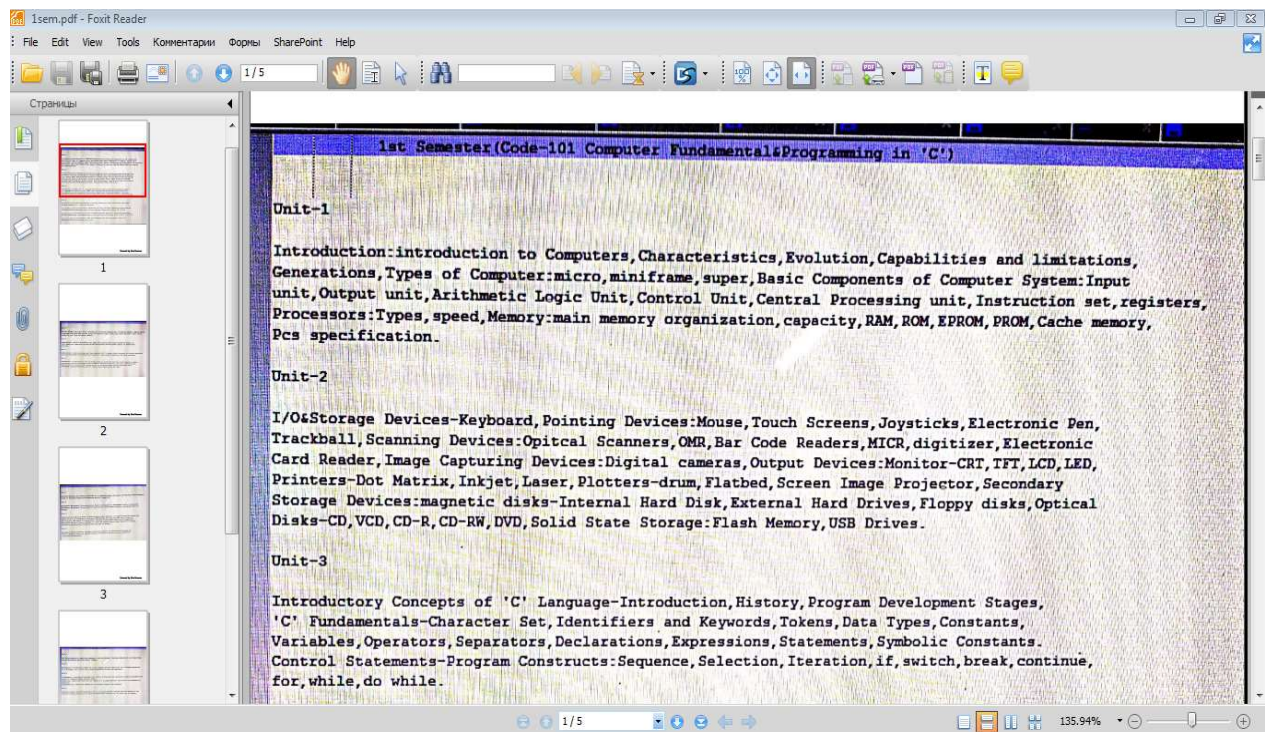




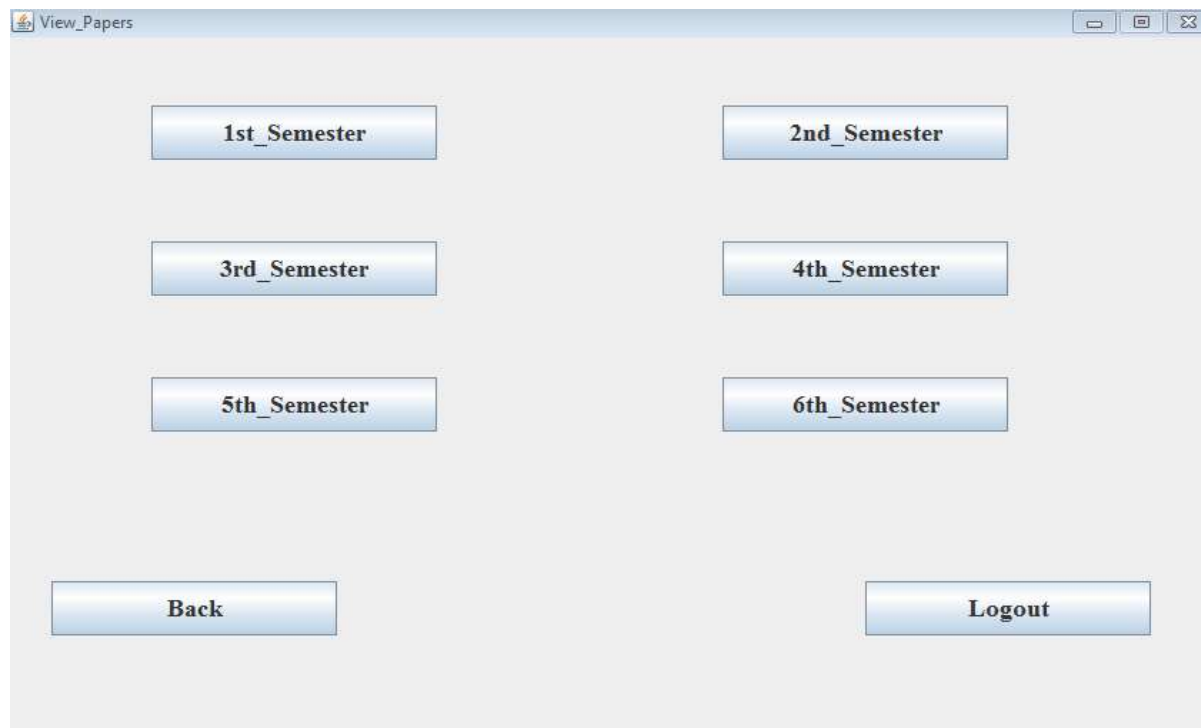
PDF OF NOTES



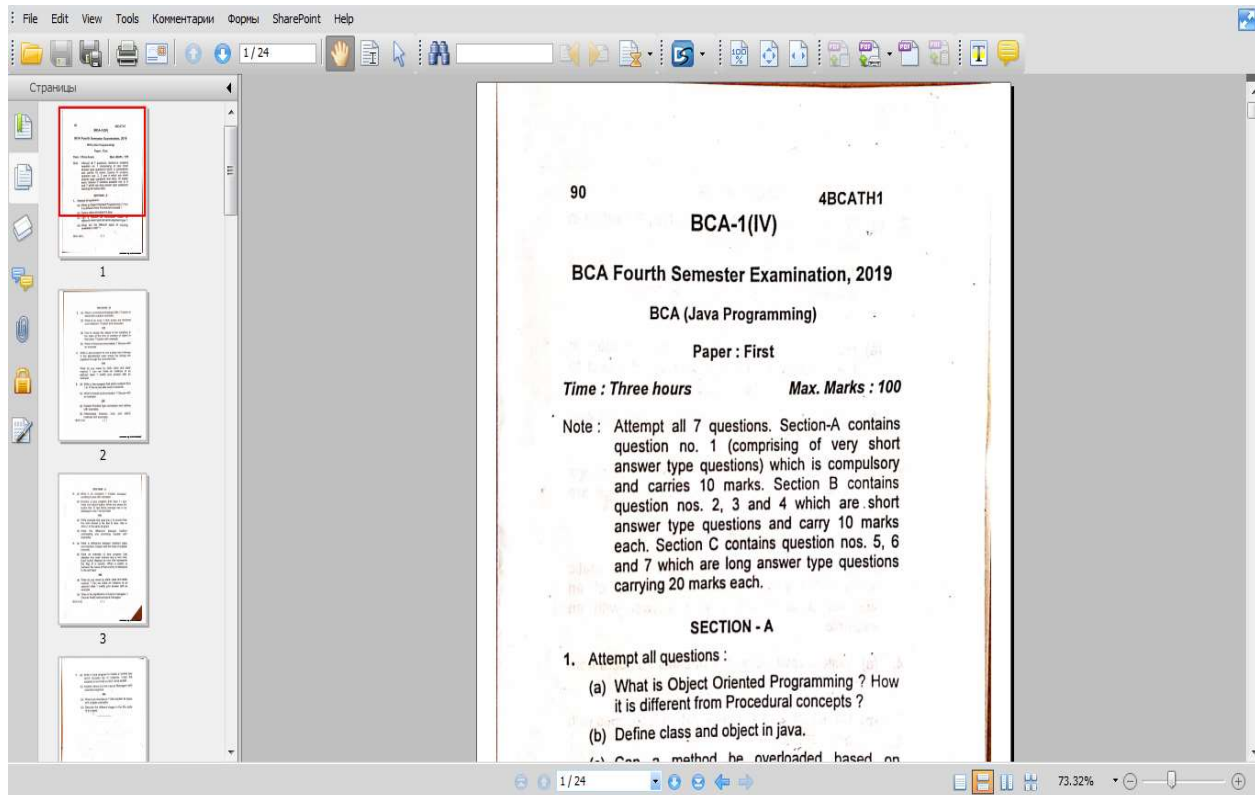
SYLLABUS FRAME



PDF OF SYLLABUS



PREVIOUS YEAR PAPERS FRAME



PDF OF PREVIOUS YEAR QUESTION PAPERS

REFERENCE

REFERENCE

- Head First Java
- Effective Java(3_{rd} Edition)
- www.javatpoint.com
- www.w3schools.com
- www.stackoverflow.com
- www.oracle.com
- www.mysqltutorial.org
- www.google.com